

# From The Staff:

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

**CONVENTION NEWS...**The 1981 WTFDA Convention is now history, and it was outstanding. Approximately 35 DXers attended the Oklahoma City gathering, and we'll have a complete report in a future VUD issue. Our thanks go to John Zondlo for a super job as host. It's now time to start thinking about next year. We have already received word of a tentative bid for Staten Island, NY for the site of the 1982 convention from DXer Jerry Pulice. If you are seriously interested in making a bid for next year's site, drop WTFDA HQ a line, and we'll send you information and a convention bid form. The deadline for submitting bids is October 31, 1981. All bids must be submitted in writing to WTFDA HQ. If more than one bid is received, we'll put it to a membership vote in the December 1981 VUD.

**WTFDA DUES WILL INCREASE...**The recent VUD message has made an increase in WTFDA dues necessary, and we regret. After September 15th, club dues will be \$15 per year. Postal rates are likely to increase in the near future and we don't know how long we can keep dues at \$15. If you're due to renew your dues, do it right now, and get in at the \$13 rate--a bargain when you consider it.

**CANADIAN MEMBERS...**By the time this appears in the VUD, the Canadian postal strike is expected to be over. Some of the VUD mailed to Canada during the strike were returned to WTFDA HQ during the strike, so we hope that members in Canada have been able to bear with us. Welcome back!

**DELAYS...**You'll have to excuse us for a couple of delayed VUD editions. Several things caused the late VUDs and we hope to get back on the track by mid-September. Publication of this month's issue has been delayed until August, due in part to the convention business and where the dues increase was examined.

**BITS...**Pat Dyer is stepping down as editor of the VHF UTILITY DX column, much to our regret. Pat has been involved with the column since 1970--longer than anyone else currently doing a regular column for the VUD. We'll have word on a replacement for Pat next month...Thanks to St. Louis DXer Rich Eddie for this month's super cover.

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# MAILBOX

John Zondlo  
1802 N. Rockwell,  
Apt. 107  
Bethany, OK 73008  
(405) 787-3717  
Deadline: 5th

### Renewals:

Richard N. Allen, Andy Bolin, Lawrence Glass, Jim Hopkins, Nick Lombardi, David Riley, Steve Sprachman, Tracy Wood.

### Address Changes:

Jim Ayers-Route 11-Murfreesboro, TN 37130  
John Walters-RR 8, Acorn Drive-Vincetown, NJ 08088

### Renewals Due in September:

Howard Bartlett, Mike Bugaj, John Clemmer, Robert Dixon, James Filler, George Gallacher, Glenn Hauser, Jim Korn, Robert Kramer, A. Lazarus, David Margritz, Kurt Nelson, Robert Ross, Chuck Salladin, Peter Sawatzky, Mike Scheel, Edward Sirovy, Richard Troyer, John Walters, Peter Weeks, Larry Weil, David Wilson, Mark Wilson, Michael Wimer.

### Tidbits.....

Leading off this month, we have some comments from Dave Walcutt (P.O. Box 7156-A, Houston, TX 77008): "A few years ago VUD had a phone number of the Smithsonian's 'Recorded Space and Earth Phenomena Report.' I imagine the information available would still be of interest to members. The number changed, and is now (202) 357-2000. The message consists of astronomical updates on the positions of the planets, and so forth, and any meteor showers. They also give a summary of the solar activity over the past week and the geomagnetic field.

Another interesting number is what I call the NASA Hotline, which actually is a daily news feed for radio stations, with a report on NASA activity and space shuttle updates. This number, in Houston, is (713) 483-6111.

Recently, after many years of effort, I managed to complete my offset collection of VUD, filling in the missing issues from when I was in Europe in the winter of 1974, when my mother threw out the issues and my subscription lapsed."

In an effort to be fair to both parties involved, the following rebuttal is offered by Ron Schatz (250 W. Sample Road, C-106, Pompano Beach, FL 33064) to statements made about the 'RFS Mexican FM List' which appeared in the February 1981 VUD. The statements in question, by FCC FM editor Bruce Elving, appeared in the April and June VUDs. I trust that the parties involved will continue their discussion, if they so desire, in personal communication, rather than airing it in the pages of the VUD. Our goal is to air discussion pertinent to the DX hobby, but not at the expense of causing strife among members. Both gentlemen are veteran DXers, well respected in the hobby, who hopefully will reach a mutual understanding on contributions to the VUD. And now, here's Ron: "The reason, and the ONLY reason, that I have chosen to copyright certain contributions to DX clubs is because I have been victim in the past of commercial exploitation of my efforts with absolutely no permission asked nor credit given, let alone any 'piece of the action.' Prime culprits have included a certain Scandinavian publication and some Florida AM broadcast stations. I do not contribute this information with any thought of pecuniary ambition, and I expect an equivalent manner of decency from those on the receiving end. Potential profit-making enterprises, such as the 'FM Atlas,' owe all of us that courtesy.

"I am in receipt of a, by any standard, tactlessly written postcard challenging my copyright and threatening to use the information anyway, this in spite of the fact that my copyright notice said NOTHING whatsoever about obtaining prior permission before using the data; all that it requires is proper credit where credit is due, and nothing more! Any decent writer or publisher provides a listing of credits to his sources; I fail to see why the FM Atlas should be an exception. After all, it would only take a couple of words to satisfy the requirement, so all this fuss is unnecessary.

(Schatz, cont.) "Under no conditions does my Mexican list violate any copyright of others. Printed and baseless speculation to the contrary is irresponsible and, at the extreme, subjects the opinionater to possible civil action for libel.

"The RFS Mexican FM List, which appeared in the centerfold of the February 1981 VUD, contains information of which some 60% of the entries were personally monitored by me on location in Mexico, and that speaks for just how extensive (and expensive) my trip was. While I am certainly no neophyte DXer, my lack of a surveyor's scope for measuring 'HAAT' and a F/S meter for ERP severely limited what I could include in my list, so I was forced to do the best I could under the circumstances. Should I have not published this list because certain 'vital' information was missing? Would that have met the needs and interests of DXers?

"In light of this situation, calling XHSON 100.9 a 'problem' is ludicrous; no one in Nebraska is going to tell me what I've heard with my own ears in Mexico City! XHPI 93.1 was properly listed with the symbol 'P' for 'proxima inauguracion'; if it ever gets on the air, at least club members will have a listing of it. Also, I don't know what's going on in San Luis Rio Colorado; I haven't been there in 14 years. If there's anything CONCRETE happening there on 106.3, please let me know so I can include it on a subsequent list.

"Again, while I am an experienced DXer, I seem to be a fairly new member of this fine club who just happened to unwittingly fall victim to the club eccentric. Let's just leave it at that and get back to the seriousness - and fun - of our great hobby - OK?

"Please refer to my list of February 1981 for the following additions and corrections:

Changes in ERP only: XHIS 200, XHOY 5, XHNOE 12.5, WHPI 50, XET-FM 50, XHTY 100, XHCT 2.5, XHPQ 48, XHNG 5.5, XHLC 128, XHJD 50, XHNQ 30, XHSL 30, XHSE 30, XHJT 30, XHZA 15.  
Changes in ID only: XHEC Radio Internacional, XHRP Mundo Stereo, XHNL Stereo Disco, XHOP Formula Melodica, XEDA-FM Sonido Internacional, XHGL Stereo Maya, XHMX El Sonido en la Frontera, XHQF Radio Sensacion, XHSON Sonomil-101, XHTD La Romantica, XERPM-FM Disco Radio, XHCU Sonido Armonia, XEHU-FM La Pionera en Veracruz, XHOY Senal 90.

92.1 XHZN Zamora, MICH	3.5	Estereocolor
93.5 XHQQ Saltillo, COAH	5	Estereo Amistad
93.9 XHLZ Cd. Lazaro Cardenas, MICH	20	
94.7 XHDK Guadalajara, JAL	100	Estereo Recuerdo
96.1 XHON Tampico, TAMPS	5	Estereocolor
99.1 XHSL Piedras Negras, COAH	1	Radio Bonita
100.3 XHXZ Apizaco, TLAX	1	FM Centro
103.0 XHMI Campeche, CAMP	20	
104.7 XHMD Leon, GTO	30	FM Globo Stereo
105.9 XHGU Cd. Juarez, CHIH	60	
???.2 XHW-FM La Paz, BCS		Stereo King
???.2 XHPAZ La Paz, BCS		Estereo 96

Next up, Mike Dalton (1840 Drew St., Clearwater, FL 33515) presents a proposal for a change in the rules for counting stations. Your comments regarding this proposal to Mike and to club HQ are appreciated. This proposal will be discussed at the OKC convention: "I am writing to propose a change in the way the club permits counting a station for part of one's total number of stations logged. My suggestion is to allow all stations logged (under a different call letter) to count toward the total number of stations received. The following are some of the reasons that I feel this proposal should be adopted.

"I have a feeling that other DXers have found it cumbersome to keep track of all the call letters which have been assigned to either local stations or others that are received on a semiregular basis. It is simply too hard to keep purging lists, and in many cases it is useful for historical purposes to keep tabs of obsolete station assignments. Most listeners have no way to really know whether the station's facilities were moved or not; the proposed system simplifies responsibility to send to the station to determine these facts. The new system permits a station to count if you identify the station as having a new call sign. This will be especially useful as we all note changes over the coming years.

"When a DXer sits and listens to a station for an extended time, he should get something for his thoroughness and time spent relogging a

(Dalton, cont.) station that has changed call letters- this will help totals and make our hobby a little more enjoyable. I'll bet a lot of you do some swearing when you were fool enough to sit through a hot DX period and later find out you spent a lot of time for a nonsensical call change. Why shouldn't there be a gain for that effort?

"The FCC created an entity when they assigned call letters to a radio station. In recognition of that legal entity we should count any new call sign as a singular logging; each would count toward one's station total.

"According to club rules, when a station is assigned to a new frequency, one may count that as a new station. I feel that these sidewise swings are no different from call sign changes; let's face it, a station that retunes a hundred kilohertz or two is not really a new station! Let us equalize matters and give each listener credit for any station they can hear, or have heard.

"Along with the above, it seems strange to let one DXer log a station and simultaneously penalize another DXer who is able to receive the same station. The penalty is simply that one person may have heard a previous station in the same town on that frequency. This leads to more and more confusion; let us liberalize the rules so each may lay claim to hearing a perfectly receivable station.

"Due to the large number of stations on the air, statistically all listeners would have the same likely case for hearing new stations. All club members could increase their totals in proportion with their experience.

"This system, that I propose, will reward perserverence, especially during long dry periods; at least one can spend some time hunting for new stations about his area. This system will also encourage people to continually monitor their area and report call changes to the club. I think many of us probably get pretty disinterested with their locals. This may help to stimulate some interest in an area that many of us don't care about. In keeping with the spirit of long-term listening, the system I propose will allow the veteran DXer to get credit for many stations he has spent hours logging, but do not show in the published results. I for one have spent a lot more time listening than my totals show; many of the stations that I have logged are not permitted under present rules; I am not out to simply raise my totals, but to better describe the effort I have made in pursuit of this hobby. I expect that there will be others who benefit far more than I will, especially those majors who have been working at it for many years!

"Higher scores will make for more and perhaps renewed excitement for members. This is sort of like the 35 yard line that is used only in American soccer- to make the game more exciting and higher scoring....

"This system has another advantage- any residual error is automatically eliminated. If you heard the station, it was (is) countable. All in all, I think this will be an improvement and a simplification, and I am certainly in favor of making things simple.

"I would like to point out that I do not mean to change any other provision of our current system. There would be no credit for changes such as additional cities used in the identification, nor would addition or deletion of such suffix as FM/TV have any bearing. The only change I propose is that WXY in Memphis be permitted to be counted when they change to WTZZ Memphis (call signs are fictitious). Formats don't count, either." Again, your comments on this proposal are welcome. Personally, I prefer the present system. I consider new call letters nothing more than a change in image, the same as with a format change. The transmitting facility remains basically the same. A case could be made for counting a change in facilities or tower site as a new station, but that again could be taken to extremes. I would consider a change in call, city of license (not adding another city), and transmitting facilities a new station. Likewise, I would consider a change of frequency a new station, as it changes the reception conditions (added or lessened interference, etc.). When DXing, I consider the frequency and city of license as the major factors in determining a new logging...call letters are immaterial. I would like to see a change in the rules allowing the actual city of license to count for location of the station. This is really only a problem when a station is licensed to one city in a particular state, but the transmitter and tower are in a neighboring state. I count the city of license for "state" total purposes.

See y'all next month.....73.....jz

Bruce F. Elving, Ph.D., Editor  
4515 Avenue "E"  
Kearney NE 68847, U. S. A.

## FCC-FM

PA Elizabethtown WK2 106.7 directional  
PA Meadbrook 93.3 K257AF (not K257AJ)  
PA Oil City WRJS 98.5 2900 h.v.; 300'  
PA Philadelphia WPBB "88.1 vertical  
WKDU "91.7 directional  
PA Pittsburgh WYEP "91.3 17000 h.v. (520')  
SC Clemson WBSF local to "88.1 (not 89.3) 10 watts  
SC Columbia KJIC "89.3 115 (h); 95'  
SC Columbia WNOX 104.7 directional  
SC Greenville WPLS "91.5 vertical  
SD Spearfish WBSF "88.1-220' (100 h)  
SD Watertown KLOL-FM 96.9 100000 h.v.; 150'  
TN Milan WK8J-FM 92.3 vertical  
TN Pikeville WKU "91.3  
TN Signal Mountain WCOO "91.5 directional  
TX Bolton KTON-FM 106.3 490' (950 h.v.)  
TX Dallas KAFM 92.5 and KNUS 98.7 no DA,  
apparently  
TX Kingsville KODK 92.7, not 92.1  
TX Nacogdoches KJCS 103.3 43000 h.v. (360')  
TX Pasadena KJIC "89.3 115 (h); 95'  
TX Prairie View KPVV "91.3 vertical  
TX Richardson KSLT "88.1, not yet authorized 106.9  
TX Ruskin KWRW 97.7 has vertical  
TX San Antonio KISS 99.5 100000 h.v.; 520'  
TX Waco KNFO 95.5 10000 h.v. (24E)  
UT Delta K28BAE 105.8-moves from Oak City  
UT Marina K23BF-located at Hite Marina,  
37-57-02; 110-47-46  
UT Moab KRND 96.7 3000 h.v. (480')  
UT Ogden KWCR "88.1 has vertical  
UT Orem KOHS "91.7 1750 h.v. (820')  
VT Bellows Falls WTUJ 101.7 1520 h.v.; 330'  
VT Castleton WUUV "91.3 125 h.v. (2300 h)  
VT Colchester WWPV "88.7 82 (10000 h)  
VA Charlottesville WQMG 95.2 30000; 145'; h  
VA Farmville WUTA "90.1 reverts to 10 h.v.  
VA Harrisonburg WKMA "90.7 directional  
VA WSAJ 104.3 20500 h.v.; 135'; DA  
VA Lexington WJLT "91.5 175 h.v. (175); DA  
VA Lynchburg WJLS 101.7 3000 h.v.; 290'  
VA Richmond WJCE "90.1 vertical  
VA Roanoke WXLK 96.3 directional  
VA Suffolk WTLR 102.9 940' (10000 h.v.)  
VA Sweet Briar WJZZ "91.5 vertical  
VA Warrenton WEEB-FM 107.7 3800 h (800')  
VA Woodbridge WVKX 105.9 apparently no DA  
VA Yorktown WJCS "91.5 21000 h.v.; 155'  
WA Alderden KYMD 99.6-61' (3000 h.v.)  
WA Omak K280AF 103.9 (KMBI-FM 107.9), not  
K280AH 98.3  
WA Prosser KALA 101.7-275' (3000 h.v.)  
WA Seattle KUOW "94.9 10000 h.v.; 750'  
WA Spokane KXII-FM 101.7 (100000 h.v.)  
WA Walla Walla KUJW-FM 95.7 94000 h.v. (1400')  
WV Williams WCCO 96.5 50000 h.v.; 500'  
WY Rock Springs KQSW 96.5 96000 h.v. (1620')  
PR Aguadilla WTRM 92.9 has vertical  
PR Anasco WJCR "90.3 14500 h.v.; 470'  
PR Arecibo WCMN-FM 107.9 50000 h.v.; 135'  
PR Bayamon WGSX 94.7 1740' (7000 h.v.)  
PR Caguas WJVP-FM 92.3 50000 h.v.; 390'  
PR Corozal WORO 102.5 1010' (50000 h.v.)  
PR San Juan WPR 98.5 25000 h.v. (1910')  
PR Charlotte WMLB 98.7 9150' (50000 h.v.)  
AT Red Deer CKR-FM 98.9 vertical  
BC Chase Creek CFMM 66.5 350 h DA (310')  
BC Chase CFMM 93.1 400 h DA (460')  
BC Fort Fraser CBFR-FM 102.9 370 DA (h); (1310')  
BC Pritchard CFMM-FM 106.3 61' (h); nonDA (1185')  
BC Terrace CBTH 95.3 225 h.v. no DA (1463')  
CBTH 95.3 225 h.v. no DA (1463')  
MB Winnipeg CHIO 94.3 has vertical  
ON Hamilton CFMU 93.3  
ON Leamington CBEF-1 1000 h.v.; 254'; 103.1  
ON Peterborough CBPC 93.5 39000 h.v. no DA (1558')  
ON Sarnia CBPC 93.5 42000 h.v. no DA (378')  
ON Sarnia CHIO 92.9 25000 h.v. 153'; to be S  
ON Split St. Marie CJQM 104.3 vertical  
ON Toronto CJRT "91.1 1380' (40000 h.v.)  
PQ Chateaufort CJAB 96.7 42000 h.v. DA, 440'  
PQ Quebec CKRM-FM "88.1 255' (1430 h.v.)  
PQ St. Adele CME 99.5 480' (50000 h.v.)

## CALL LETTERS

AL Chickasaw 98.3 WJOY (WTUX), 3000 h.v.; 300'  
AK Homer 102.3 K272AF (from K272AN)  
AZ Coolidge 103.9 KQEZ  
AR Helena 103.1 KQEF (KZRI)  
CA Barstow 94.3 KZM (KWTCT-FM)  
CA Blythe "88.5 KRCR-FM"  
CA Pasadena "88.3 KPCC (not KPCCS)  
CO Denver 101.7 KOSI (KOSI-FM)  
CO Trinidad 92.1 KRSI-FM  
FL Jacksonville 107.3 WCRJ-FM (WJEE)  
FL St. Petersburg 107.3 WWSB (WWSB-FM)  
FL Panama City "90.7 WKGC-FM (WKGC-FM)  
95.5 WGNF-FM (WGNF-FM)  
ID Caldwell WAGM 103.1 KAIN-FM  
IN Shelbyville 91.1 WENS (WVSL-FM)  
LA Lake Charles 96.1 KYKZ (KSNB)  
MD Riverdale 106.7 W292AD (not W292AB)

MN Elv 105.5 W288AI (not K288BT)  
MT Astarok 93.3 K257AF (not K257AJ)  
NE Auburn 105.5 KAUB-FM  
NY Middletown 92.7 V.KGL (WALL-FM)  
NC Swan Quarter "88.5 WHCY  
NH West Union 103.1 WIAO  
OR Ashland 101.7 KCMX-FM (KKIC)  
OR Grant Beach 107.1 K296AU (not K296AS)  
OR Pendleton 103.5 KFMT  
PA Pittsburgh 105.9 WAMO-FM (WAMO)  
SD Huron 92.1 KURO (KJUV-FM)  
SC Myrtle Beach 92.1 WJYR (WXTL)  
SD Platte "90.7 K214AB (not K214AA)  
TN Kingsport "91.3 W217AB (W217AC; replaces  
W217AA. Johnson City and W217AB Bristol  
TN, which are deleted)  
TX Austin 96.7 KVAX  
UT Mant 103.1 K276AS (not K276AK)  
WA Ephrata 95.9 KTRM  
WA Lynden 106.5 KLYN (KLYN-FM)  
WA Port Townsend 106.3 K292AZ (K292AY)  
WY Mullens 92.7 WPMW 245' (3000 h.v.)  
WI Hayward "88.9 WOJB (WCHP), 610' (100000  
h.v.), Stereo  
WI La Crosse 106.3 W292AB (not W292AC)  
WI Wausau 105.9 WBYA  
WY Jeffrey City 106.3 K292AZ (K292AY)  
WY Lyman 105.5 K288AB (not K288AI)  
PR Mayaguez 107.1 W296AC (not W296AB)  
VA Lynchburg "88.3 WRVL (WVLC), 100000  
h.v. DA, 1010'; g. S. ON AIR  
"90.3 WVLC (WRVL), 10 watts, cg

## STEREO STATIONS

AL Hamilton WERH-FM 92.1  
GA McRae WDAF-FM 95.3, and ABC on SCA  
IN Muncie WTL 95.3  
MN Rochester KRPR "89.9  
OR Astoria KAST-FM 92.9 m, "The Entertainers"  
SC Bamberg WBBB-FM 92.7 m, AP Audio  
SC Batesburg WKNO 92.1 (no SCA)  
SC Walterboro WALD-FM 92.7  
TX Haskell KVRP 95.5, Mutual network  
VA Bluefield WBDY-FM 106.3, rock

## DELETIONS

IL Arlington Heights WFVH "88.3  
IN Morrison WHTS "89.5  
ME Montpelier WRLN "89.5  
OFF THE AIR  
NE Ogallala KMCC 93.5, financial difficulties  
SCA (67 kHz)

CA Angwin KAST "89.9 no SCA (open carrier)  
CA Bakersfield KHIS-FM 96.5 no SCA  
CA Berkeley KPFA 94.1 talking book, probably  
go on KQEC "88.1 Fresno  
CA Chico KFMR 93.7, KPAY-FM 95.1 no SCA  
CA Eureka KPJL 92.3 m, 1X  
CA Modesto KHOP 104.1 music, "Rock-104"  
CA Mountain Pass KRXX 99.5 1X  
CA Sacramento KEBR 100.5 music  
CA San Francisco KMXP 98.9 no SCA  
CA San Mateo KSDO 107.7 with Q (PRN)  
CA Yermo KXVR 98.1 1X  
CO Pueblo KYNR 99.9 1X, "FM-100" on main  
channel; also identifies with Colorado Springs  
FL Panama City WKGCFM "90.7 no SCA  
IL Chicago WBEZ "91.5 1X (started June 1)  
MI Detroit WJLB 105.1 no SCA  
NE O'Neill KBPR-FM 102.9 1X  
NE Reno KNEV 95.5 no SCA, KSRN 104.5 no  
NC Stateville FMX 105.7 no SCA  
PA Boyertown WBVO 107.5 no SCA  
SC Charleston WSSX 95.1 music (main: rock),  
nonID "Stu's 95.5"  
VA Norfolk WAFB-FM "89.5 no SCA (open  
carrier only) ON Alliance WJDO 92.5 1X  
WA Kennewick KOHA-FM 105.3 no SCA  
WI Fort Atkinson TATW-FM 107.3 1X  
WY Torrington KCT 95.5 music

## SLOGANS, NON-IDS

CA Monterey KMBR 66.9 KJWVE 97  
CA Porterville KUSI 90.1 K-O-93, rock  
CA Detroit WDRB 90.1 The New FM-93 (strict)  
NV Las Vegas KENO-FM 92.3 FM 92  
NC Winston-Salem WKLT 107.5 K2L  
VA Seattle KING-FM 98.1 Classic King  
FORMATS-NETWORKS NY Homer WWHO  
CA Tipton K272AF "89.9 more rock than  
anything else, say R. Wood  
FL West Palm Beach WWSB 92.1 k City KCHA-  
FM 99.9 N  
GA Atlanta KATL 102.3 P  
GA Tifton KATL 102.3 P  
GA Tifton KATL 102.3 P  
KY Madisonville WKRF 92.7 T KWT 105.9  
KY Pikeville WYRR 92.1 N  
LA Slidell WATL 101.1 T  
MI Mt. Clemens WLSB 102.7 (from disc)  
MN Claggett WFLM 100.9 k KY Louisville  
WLSB 102.7 (from disc) W22Q 102.9 now k

## AUGUST, 1981

MN Pipestone KLOH-FM 98.7 r (soft r), still  
talking farm news on its SCA  
MT Carson City KKCB 97.1 k, 1X  
WA Warrenton WORA 94.3 k, 1X  
WA Okanogan K232AI S. r (KHO-FM 95.1  
Spokane WA)  
WA Wenatchee K276BB 102.1 has KDRK 93.1  
Spokane, k, m, not KYJR 104.9 Wenatchee  
WV New Martinsville WKGI 103.9 N, k  
WV Parkersburg WKX 95.1 k  
WI Coon Valley W292AE 106.3 has WWIB  
103.7 Ladysmith, not WWNC 102.5 Madison  
WY Casper KAWY 94.5 N  
LAST-MINUTE CHANGES  
New CA Goleta 100.1 40' h.v. 2530' m  
MT Minot 92.7 1500' h.v. 400'  
TX Bryan 104.9 3000 h.v. 250' initial decision  
TX Rio Grande City 97.7 3000 h.v. 300'  
Spanish, Latin Facilities changes  
CT Waterbury WYVZ 92.5 18000 h.v. (860')  
CT Bridgeport WEZN 99.9 28000 h.v.; 670'  
CT New Haven WYVZ 99.9 114000 h.v. (1200')  
PR Arecibo WCMN-FM 107.9 50000 h.v. (150000)  
IN Indianapolis WFMS 95.5 13000' h.v. 990'  
CA Oroville KEWE 97.1 160' (3000 h.v.)  
MA Boston WQAC 94.5 7700 h.v. 1050'  
MI Adrian WWOZ "107.9 (from 88.1) 13 (h), 80  
KQ Palmira KIDS 98.3 2000 h.v.; 360'  
SD Brookings KESD "86.3 50000 h.v. (6200)  
PA Lancaster WNCE 101.3 6900 h.v. 1610'  
AL Tuscaloosa WUAL "91.5 adds SCA  
CO Burlington KNAH-FM 101.1 adds SCA  
IL Mount Vernon WHHM 97.7 adds SCA  
MO Carrollton KATL-FM 101.1 adds SCA  
NY New York WBSB-FM 101.1 adds SCA  
NC Columbia WFFF-FM 96.7 750 h.v. 300'  
AK Anchorage KKLK 103.9 adds vertical  
TN Johnson City WOUT 101.5 r  
PA Lewisburg WBYU "90.5 18 h.v.; 120'  
TX Dallas KKDA-FM 104.5 730' (100000 h.v.)  
CA Palm Springs KPSB-FM 100.1 adds h.v., 610  
Call Letters: CA Browley 96.1 K5IC  
CA Placerville 92.1 KHTN, 890', v. 520'  
IL Aurora 95.9 WKLD (WKDD-FM)  
LA Bayou 98.3 KXOU  
LA Jonesboro 104.9 KJBC (KTCO-FM)  
MI Iron River 98.9 WKBF-FM  
WY Cody 97.9 KTAG FORMATS, ETC.,  
AL Birmingham WALP-FM 94.5 M (from N)  
AL Birmingham WQEZ 96.5 M (FM)  
GA Athens WUOG "90.9 p.c. E (not A), 90.5/  
WAGQ 104.7 no R  
GA Atlanta WVEE 103.3 no R  
GA Augusta WYIX 105.7 r, "Rock-106"  
GA Columbus WGOX 107.3 no R, but T  
GA Marietta WBIE 101.5 "Country-101" nonID  
IL Moline WXLX 96.9 T  
SC Orangeburg WBS 106.7, "FM-106" nonID  
CA Atlanta WRFG "89.3 son to be Stereo  
CA Atlanta WCLK "91.5 Stereo  
Nick Lombardi points out serious problems  
with the RKO network, list printed in the June  
column; he called many of his area stations to  
find out about actual RKO network usage.  
WAGQ 104.7 uses some on-air news features from  
RKO, but no newscasts. He also sent a tape  
from a local TV talk show on Muzak, quoting  
the co. president saying he loves the music, and  
has his house wired for it. KJWR "89.7 Council  
Bluffs IA to begin Sept. '81. Has directional  
antenna with estimated 6000 watts to the west  
to protect KJWR-FM 98.7 Vermillion SD and  
KZJL 89.5 Lincoln NE  
FM ATLAS errors pp. 26 and 29 for Enterprise  
AL. Calls are 96.9 WLHO, WKRM 106.7.  
On the satellite in AK are Anchorage AM  
stations: KOTL, KYAK, KBYR, KHAR. David  
Wilson, Kent O'Hara, and John A. Ellis mention  
of WYUU reported by WYUU and higher tower  
this cannot be (June YUDL), I am certain he meant  
WKSU [Kent], which of course did go to 50-w  
and a higher tower. WRSR "88.5 Attleboro MA  
is jeopardized as a 10-watt station under new  
has an application for more power. Ant-Detroit  
rock stations are also being audited, judging  
from a Detroit Free Press article. Ten-watt FM  
stations have been given more time to apply  
for more wattage (instead of moving to the  
commercial part of the dial). KCKS 95.3 in  
Concordia KS writes that they are repairing  
a Collins stereo generator, and hopes to be  
back on air in stereo, expressing surprise that  
and main channel could be heard in Kearney.  
Many of the technical and translator changes  
a result of scrutinizing the NTIS FCC microfilm  
FM listings. Some strange errors in that listing  
deleted KASD "90.1 FM 102.1 N, Los Angeles  
"89.3 St. Louis MO appear, as are duplicate call  
letters for translator stations. This is the source  
apparently, for Vane Jones' loss. It is a good  
source, but not to be used without  
checking it for errors as I tried to do.  
Contributors to be listed next month

## NEW FM STATIONS, TRANSLATORS

AL Birmingham W237AE 95.3 g (WMBW 88.9  
Chattanooga TN translator)  
AL Homewood W237AD 95.3 g (WMBW 88.9)  
AK Fairbanks 102.5 25000 h.v.; 90'; rock  
CA Anderson 94.3 3000 h.v.; 115' (Stereo, rock  
CA Chester K257AR 98.3 (KSNR 95.5 Red Bluff)  
CA Dublin KABL-FM 99.1, m (KABL-FM 98.1  
San Francisco CA on-channel booster), 10 w  
CA La Jolla KGB-FM 101.5 g, p (KGB-FM San  
Diego CA on-channel booster), 10 watts  
CA Lone Pine K240AD 94.9 g, m (KIQO 100.7  
Bishop CA translator)  
CA Mariposa K285AF IFCC says K285AV, but  
there is another K285AV, so I am assigning  
the call 104.9 g, (KGBR 100.5 Sacramento)  
CA Mill Valley KQI-2 m, km (KQI 101.3 booster)  
CA Oak View KOVA-1 105.5 s, km (KOVA 105.5  
Ojai CA on-channel booster)  
CA Palos Verdes Estates KNAC-1 105.5 (KNAC  
Long Beach on-channel booster)  
CA Petaluma KZST-1 s, mc (KZST Santa Rosa)  
CA San Francisco K285AF 97.7 g, p (KEAR 106.9 San  
Francisco CA translator)  
CA Santa Barbara K280AD "89.5 g (KCPB 91.1  
Thousand Oaks CA), 10 w, 40' and 325'  
CA Thousand Oaks K202AE g, c (KUSC 91.5 Los  
Angeles CA translator), 1 w, 6, 38, 70 & 80  
CA Victorville K288AJ 93.5 g, r (KQLH 95.1  
San Bernardino)  
CA Yucaipa K252AA 98.3 s, r (KCAL-FM 96.7 in  
Redlands CA)  
CO Colorado Springs K204AB s, cg, "88.7 (KWBI  
in Morrison CO)  
CO Del Norte K276AU 103.1 s, mk (KALQ 93.5  
Alamosa CO)  
CO Durango K272AW 102.3 s, m (KOB-FM 93.3  
Albuquerque NM)  
CO Gunnison KVLE 102.3 3000 h.v.; 460'  
CO Minturn K257AS 98.3 g, r, KVMT 104.7 Vail  
CO K280B 103.9 s, m (KREX-FM 92.3  
Grand Junction CO)  
CO Silverthorne K249AS 97.7 s, r (KVMT 104.7)  
CO Steamboat Springs K249AW 97.7 s, m (KRDO  
-FM 95.1 Colorado Springs)  
IL Freeport W202AD "88.3 g, g (WMBI-FM  
90.1 Chicago)  
IN Muncie 104.9 3000 h.v.; 300'; m-initial decision  
and subject to FCC reversal or court appeal  
IA Garner K249AC "90.7 g, g (KDCR Sioux  
Center IA on 91.3, but KDCR to go to 88.5)  
LA Clinton 92.7 3000 h.v.; 300'; m  
LA Eunice 105.5 3000 h.v.; 300'  
LA Kaplan 97.7 3000 h.v.; 300'  
MI Pinconning 100.9 3000 h.v.; 300'  
MI Fargus Falls 96.5 100000 h.v.; 560'  
MO Jinlin K257AW 99.3 (KRFG 93.5 Greenfield  
MO), s, k  
MT Circle K292BJ s, r (KYZZ 92.7 Wolf Point)  
MT Deer Lodge K261AN 100.1 s, g (KMBI 94.1  
Butte MT)  
MT Missoula K214AD 90.7 s, g (KMBI-FM  
107.9 Spokane WA)  
MT Stanford K221AE 92.1 s, m (KOZO 106.3  
Great Falls MT)  
NV Henderson 100.5 100000 h.v.; 1160'; rp  
NV Lovelock K261AG 100.1 s, g (KNIS 94.7  
Carson City)  
NE Berlin 103.7 17000 h.v.; 160'; in-air on-air  
NH Newport W276AE 103.1 k (WOKQ 97.5  
Dover NH)  
NM Clovis 107.5 100000 h.v.; 540'; m  
NM Ruidoso 3000 h.v.; 190'; rock  
OR Cottage Grove K218AE "91.5 g, k (KLCC  
97.7 Eugene)  
OR Union Indian and Emigrant (42-11-10; 122-41-  
40) K203AA "88.5 (KSOR "90.1 Ashland), cr  
OR Florence K218AF "91.5 (KLCR 88.7)  
OR Lincoln City 97.2 6100 h.v.; 670'  
OR Oakridge (43-44-54; 122-26-15) K218AG "91-  
5 g, k (KLCC 88.7)  
OR Union (45-19-27; 117-43-38) K240AN 95.9 s, r  
(KJUZ 95.9 Nampa ID)  
PA Erie W244AC 96.7 g (WCTI 106.3 Union City)  
OR Sutherland K280BJ 103.9 s, m (KRSB 103.1  
Burlington OR)  
SD Edgemont K249AY 97.7 s, mk (KRCB 93.1)  
SD Spring Springs K272AF s, r (KGGG 100.3 Rapid  
City SD)  
SD Kadoka K237AD 95.3 s, r (KGGG 100.3)  
TX Iran (30-63-20; 101-56-00) K288BL 105.5 k,  
translator for KRCT 94.3 Ozona TX  
TX Yeakum 102.3 3000 h.v.; 300'; m

# FCC TV NEWS

Bill Fahber  
336 Atlantic Street  
Bridgeton, NJ, 08302

**DEVELOPMENTS IN MD, PA, DE, & NJ:** June has been very active this month in this area: Translators W62AY (Frederick, MD), W6LAN (Newark & Brookside, DE), and W64AS (Seaford DE) began transmitting. W6LAN is showing its own ID slide independently of its primary, WHYI, which is very unusual for a translator. WWSG-TV, ch. 57 in Philadelphia, Pa, is now operating STV in the evenings, and plans to eventually broadcast syndicated programs in the daytime. WRBV, ch. 65 in Vineland, NJ began testing in mid-June, and expects to start programming early in July. WWSG and WRBV will both be affiliates of Wometco Home Theatre.

**BROWNSVILLE-MCALLEN, TEXAS:** proposed station on channel 23 (no call letters yet) will be affiliated with NBC. KGBT-TV, which is now NBC and CBS for that area, will be CBS only.

**MORE SPANISH STATIONS IN THE UNITED STATES:**  
KTEN-TV 40 Fontana, California  
KLOC-TV 19 Modesto, California  
KMUV-TV 31 Sacramento, California  
WKID 51 Fort Lauderdale, Florida  
WCIU-TV 26 Chicago, Illinois  
KMDN-TV 23 Albuquerque, New Mexico  
KORO 28 Corpus Christi, Texas  
KRIV-TV 26 Houston, Texas  
(ref: 1980 Broadcasting Yearbook)

**ANOTHER PRODIGAL RETURNS (WBOY was first):** KTYE, ch. 10 in El Dorado, Arizona-Monroe, Louisiana, was formerly NBC, then switched to ABC. They plan to return to NBC at a future date.

**FOUR SHORT-SPACED DROP-INS:** Salt Lake City was given ch. 13, and has eight competing applicants already. Knoxville, Tennessee, has ch. 8 with only one applicant. So far nobody has bothered to apply for ch. 8 in Johnstown, PA, or for ch. 11 in Charleston, West Virginia. (Broadcasting, 6/8/81)

**ADDITIONS TO FCC TABLE OF ASSIGNMENTS:**  
IL East Saint Louis.....46z  
KY Paintsville.....69+  
TX Rio Grande City.....40z

**CONSTRUCTION PERMITS GRANTED BY THE FCC**  
ch ERP HAAT City/State/ Applicant  
65 1120 3000 San Jose, California; Donald B. Thompson  
40 1110 2504 Bluefield, WV; Channel 40, Inc  
45 703 518.25 Montgomery, Alabama; Christian Life Broadcasting, Inc.

**DAYTONA BEACH, FL** station WESH-TV received a license renewal after 12 years of fighting. The FCC gave a renewal in 1976, but a court of appeals knocked it down. The owner, Cowles Communications, Inc., was involved in mail fraud, as well as an unauthorized move of WESH's main studio to Orlando, Florida.

**APPLICATIONS FOR NEW TV STATIONS**  
ch ERP HAAT City/State/Applicant  
62 537 802 Clays Ferry, KY; Kentucky Authority for Educational TV  
67 1355 978 High Point, NC; Fox Media, Inc.  
13 56.2 3858 Salt Lake City, Utah; American Television of Utah, Inc.  
13 102 3876 (same) Intermountain Broadc. Inc  
13 44.7 2992 (same) Rocky Mountain Broadc'g.  
13 8 3881 (same) Salt Lake City Family TV  
13 87.5 3947 (same) Salt Lake City Utah TV Inc  
40 1185 3720 Tucson, AZ; Sun West Broadc'g.  
54 1294 1026 Columbus, GA; Beacon Broadcast'g  
64 1000 1063 Kalamazoo, MI; Channel 64 Inc.  
40 4754 5277 Tucson, AZ; Focus Broadcasting of Tucson, Inc. (other ref. has HAAT at 517 feet)

62 2128 2395 Riverside, CA; Pan-Pacific Bc'g  
38 1776 768 Greenwood, SC; S.C. ETV Comm'n  
39 586 646 Parkersburg, WV; Eastern Associated Services, Inc.

26 2234 538 New London, CT; Connecticut Yankee Broadcasting Company  
22 1000 2745 Burlington, VT; Lake Champlain Communication Corp. (in conflict with WEEF-TV's petition for renewal of license)

67 2370 2353 Seaside, CA; Focus Broadcasting of the Monterey Peninsula  
23 3281 1087 Decatur, IL; Jackson Telecasts

**AMENDMENT OF AN EXISTING APPLICATION:** Victoria, Texas; Community Television of Victoria, change from ch. 25 to ch. 31

**APPLICATION TO CHANGE CITY OF LICENSE:** KDUH-TV, ch. 5 from Hay Springs, Nebraska to Scottsbluff, Nebraska

**APPLICATION FOR MAJOR CHANGE IN EXISTING FACILITIES:** ERP(vis) and HAAT, unless otherwise noted.

40 n.c. 2504 Bluefield, WV; WRJK-TV  
2 100 n.c. Flagstaff, AZ; KNAX-TV  
20 2388 n.c. Waterbury, CT; WATR-TV  
51 136 541 Sandusky, OH; WGGN-TV (also change to ch. 52)

64 5000 n.c. Providence, RI; WSTG  
23 2585 1460 Brownsville, TX; KTDS

**CHANGE IN FACILITIES GRANTED BY FCC:**  
57 994.9 n.c. Columbia, SC; WCCT-TV

**WIN A PRIZE!** According to the Philadelphia Inquirer, 6/30/81, page 19-D, New Vineland station WRBV-TV, ch. 65, "will award prizes to those who write from the longest distance saying they can tune in the test pattern. Entries should be sent to WRBV-TV, P.O. Box 2300 S. Station, Vineland, NJ; 08360"

**ALBANY, NY** station WAST, ch. 13, which recently lost its CBS affiliation, originally planned to remain independent, but decided to sign up with NBC.

## FCC TV NEWS

**MORE APPLICATIONS FOR NEW BROADCAST STATIONS** (I'm sorry about breaking them up like this, but I didn't expect this additional information to come in time.)

Ch ERP HAAT City/State/Applicant  
13 60 3900 Salt Lake City, UT; Mountain West Television Company  
13 63.1 3705 West Valley City, UT; West Valley City Television Associates, Limited Partnership

62 537 812.5 Lexington, KY; Kentucky Authority for Educational TV  
40 4385 1070 Jackson, MS; Media South Broadcasting Corporation

49 1600 900 Racine, WI; Racine Telecasting Company  
62 2333 1067 Lexington, KY; FBC, Inc.

69 3239 1844 San Diego, CA; Channel 69 Corp.  
69 4931 1853 San Diego, CA; Christian Communications Network  
69 3342 1906 San Diego, CA; Federal Broadcasters, Inc.

69 1222 1894 San Diego, CA; Intersat Communications Corporation  
69 5000 1906 San Diego, CA; LMR Bc'g Inc.  
69 2793 1949 San Diego, CA; San Diego Family Television, Inc.

67 4800 2052 High Point, NC; High Point Community Television, Inc.  
67 630 478 High Point, NC; Triad Family TV  
29 1345 735.2 Wilmington, N.C.; Cape Fear Television, Inc.

36 2056 1416 Toledo, OH; Channel 36, Inc.  
36 1504 967 Toledo, OH; Toledo Family Television, Inc.  
36 2131 1425 Toledo, OH; TV USA/Toledo, Inc.

8 316 1720 Knoxville, TN; Citizens Community TV, Inc.  
8 316 1866 Knoxville, TN; Community Broadcasters of Knoxville, Inc.

8 316 1866 Knoxville, TN; East Tennessee Broadcasting  
8 316 1866 Knoxville, TN; HHS Inc.  
8 316 1866 Knoxville, TN; Knoxmedia, Inc.

8 316 1866 Knoxville, TN; Knoxville Broadcasting Corporation  
8 316 1866 Knoxville, TN; Knoxville Tennessee TV, Inc.

8 178 1807 Knoxville, TN; Le Conte Broadcasting, Inc.  
8 316 1856 Knoxville, TN; Local Service Television, Inc.

8 ? ? Knoxville, TN; South Central Broadcasting Corporation  
8 316 1880 Knoxville, TN; Tennessee Telecorp, Inc.

8 21 1644 Maryville-Alcoa, TN; Edward M. Johnson  
8 210 1296 Maryville, TN; Tennessee Telecasting

(NOTE: These thirteen applications for ch. 8 are competing for a new VHF drop-in assigned to Knoxville, Tennessee)  
**MORE APPLICATIONS FOR FACILITIES CHANGES**  
18 5000 1215 Hartford, CT; WHCT-TV  
13 316 22 Honolulu, HI; KIKU-TV  
4 100 ? Rock Island, IL; WHEF-TV  
7 316 n.c. Evansville, IN; WTVW  
6 100 ? Davenport, IA; WOC-TV (WOC-TV and WHEF-TV plan to use the same proposed antenna, 5 miles

AUGUST, 1981

**facilities change applications (continued)**  
east of Davenport, Iowa  
17 224 ? Nashville, TN; WZTV  
13 302 ? Lynchburg, VA; WSET-TV

**CALL LETTERS APPLIED FOR (NEW STATIONS)**  
ch C.L. City/State/Applicant  
24 KNLC St. Louis, MO; New Life Evangelistic Center, Inc.  
24 WSJN-TV San Juan, PR; JEM Communications  
47 KBJH Tulsa, OK; Church of the Christian Crusade, Inc.

**CALL LETTERS APPLIED FOR (EXISTING STATIONS)**  
20 WTXH Waterbury, CT; WATR-TV  
**CALL LETTERS GRANTED (NEW STATIONS)**  
45 WMCF-TV Montgomery, AL; Christian Life Broadcasting, Inc.

24 WJWL-TV Baltimore, MD; Jesus Lives, Inc.  
17 WWMA Grand Rapids, MI; TV 17 Unlimited Partnership  
?? KTMX-TV Denver, CO; La Unidad Broadcasting Corp. (I can't find any record of this application anywhere, and Broadcasting magazine didn't mention their applying for this previously. There are several vacant UHF channels in Denver)

28 WFTS Tampa, Florida; Family Television  
21 WNHT Concord, NH; NH Channel 21, Inc.  
22 KUAA Spokane, WA; Frontier Media, Inc.

**CALL LETTERS GRANTED (EXISTING STATIONS)**  
2 KTUV-TV Anchorage, AK; KENI-TV  
23 KTDS Brownsville, TX; KTDS (maybe a mistake, since they are already KTDS; They applied for WVEO.)

**LINE-21 CLOSED-CAPTIONING SYSTEM:** This is the system used by the Caption Center, NBC, ABC, and PBS, as I described in the June column, which uses line 21 of both scans of the vertical blanking interval (VBI). The system is capable of three separate services simultaneously, only one of which is used for captioning. The decoders have a switch for either the captioning or one of two text modes. Three stations will be operating on those other modes. KCET in Los Angeles, while also experimenting with Teletext, has a minicomputer which receives Associated Press data and transforms it to a format usable with the captioning system. The text service is called "Newsline." WHA-TV in Madison, Wisconsin, is planning on filling the two mode channels with news and health information for the deaf, and agricultural information for farmers. KWGN in Appleton, Minnesota, plans to use both modes for farmers with weather, market information, and farm news. (Broadcasting, 6/29/81)

**WASHINGTON, DC:** WETA-TV, ch. 26 began testing the Telidon teletext system in mid-June, according to Broadcasting, 6/29/81. (They were supposedly working with Ceefax for the past few months.)

**NEXT MONTH:** More detail on the fight involving the British Ceefax videotext system, the French Antiope system, Canada's TELIDON, CBS, AT&T, National Association of Broadcasters, and others. Also, a report on PHANTOM TRANSLATORS, what they are, and what the FCC has to say about them.



# EASTERN TV-DX

August 1981

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee, WI  
54216

Deadline: 5th

Eastern TV-DX

Rich Turcsany; 7 Cayer Circle, Shelton, CT 06484 LDT

5-1 Ls 2230 WPTV-2 1050	5-23 Ls 1400 KAND-3 1160	5-28 Es 1615 TR-5 Cuba
WTVJ-4 "	WDAF-4 980	ICR6-3 "
5-9 Tr 0000 WMDT-47 220	5-26 Ls 1715 WPTV-2 1050	1621 WLDU-3 920
2100 WWSG-57 140	WTVJ-4 "	1922 WGR-3 980
5-10 Tr 0107 WJAX-9	1725 WCIK-6 "	1926 WWL-4 1070
Manchester	1730 TR-2 Cuba	1930 WMAZ-2 1000
"finally"	1745 ICR6-3 "	1940 WDBO-6 900
5-14 Tr 2215 W6HAS(WYY)	"TISC bars"	2016 WFTV-5 850
Seaford	TR-2 Cuba	WJXT-4 810
5-16 Ls 1845 WABL-3 800	WPTV-5 980	2032 WSAV-3 720
1900 WTVJ-4 910	WLDU-3 920	6-3 Ls 1915 WMT-2 860
1940 WPTV-2 1050	WSB-2 720	1926 WOI-5 940
WTVJ-4 "	"How ABC"	1955 KTVI-2 860
TR-2 Cuba	WMAZ-3 960	2030 KYTV-3 970
5-18 Ls 1615 WLSH-2 860	WTVJ-4 910	6-4 Tr 2200 NJ U's; 50,
WJAX-2 1080	WMAZ-5 980	52, 58, 66.
	1720 Unided-2;	WLVZ-39 120
5-22 Ls 1400 TR-2 Cuba	WDBS; Dom-	WFMZ-69 "
1410 WPTV-2 1050	inican Rep?	W60-- "
1600 WJAX-2 1080	WPTV-2 1050	6-6 Es 1550 WBDU-3 920
WMAZ-3 1170	WLSH-2 860	
1730 WMAZ-2 1000	WMAZ-3 960	
1800 KTVI-2 860	WTVJ-4 1050	
1905 WMAZ-3 960	WPTV-5 980	
1910 WMAZ-5 980	WCIK-6 1050	
1930 WJAX-2 910		

"Nothing exciting as far as Ls goes, as I'm getting the usual Florida skip. The 5-27 logging on channel 2 had to be Santo Domingo, since Cuba-2 is operating at -15kHz offset, and WMAZ-2 is +10kHz offset. Tropo isn't doing that well, either, as I'm picking up the usual Boston/Philly/Jersey stations. Should be getting Tidewater by now, as well as DC. Still need to log WABV-65, WNUV-54, WMMH-32, and WQAR-50. WWSG-57 has not begun it's STV yet, but is running messages about how to find out about "pay-TV, movies..sports..specials", as well as background music. WPTV-54 only has a few sponsors, I don't think this station will last very long.

By the way, starting in September, I will be DXing from a new TLI---downtown Boston. I will be attending Emerson College (I plan to major in broadcasting.), but will have to concentrate on DXing chs. 8-13 and UNF due to spillover on the low channels (cmtrs are at Needham Heights 10 miles away.) Also hoping to get WQTV-68's Stargate service as they have soft porno after midnight. Hope there's good DX while I'm still here in Connecticut. P.S.--WWSG-57 was seen here on 6-18 with ON-TV STV service."

Michael P. Hollis; 102 Star St., Enterprise, AL 36330 CDT

4-27 Tr 0052 WVL-4 270	5-1 Tr 0635 WCLF-22 300	5-12 Tr 2350 WLKY-32 480
New Orleans	0640 KLTU-39 590	5-13 Tr 0420 WRCB-3 260
4-28 Tr 0428 WTLV-12 280	5-5 Tr 2200 WLVU-26 450	Chattanooga
0432 WJCL-22 300	WCLF-22 300	0440 WLOS-13 350
0436 WESP-10 300	WTOG-44 300	0444 WSPA-7 350
0438 WMLT-40 340	2205 WMLT-40 340	0458 WTVT-18 470
0500 WVGA-44 150	WFLA-8 300	Lexington
Valdosta	WDBN-20 400	0507 KLTU-7 470
0505 WANS-30 280	WTVX-34 420	Tyler
0526 WMLV-2 320	5-12 Tr 2340 WTV-36 470	0510 WDLF-12 260
0533 KPLC-7 460	Lexington	0528 KALB-5 400
0540 KMOI-8 380	2350 WMT-27 470	0540 KTVI-39 590
WAFB-9 320	Lexington	0541 KTVI-36 730
WJMS-17 320	WDAZ-41 480	0550 KTVI-26 590
WVMA-34 420	Louisville	Houston
10 5-1 Tr 0600 WTVX-34 420	FT. Pierce	

Eastern TV-DX

Michael P. Hollis; continued---

5-13 Tr 2300 WLPB-24 380	5-26 Es 1031 ICR-TV2 700	5-28 Es 1200 WGR-2 920
Lafayette	ch.5 Santa Clara	Buffalo
2330 KADN-15 380	5-27 Es 1000 KOTA-3 1330	6-13 Tr 0519 WESI-2 330
WHR-11 880	Rapid City	Daytona Beach
Nuevo Laredo	5-28 Es 0830 WMAZ-2 780	0527 WCKT-7 530
5-26 Es 1015 ICR-TV2 700	0900 WUND-2 490	0530 WHTT-45 530
ch.2 Havana	Columbia	0553 KATV-7 450
		0555 KTHV-11 450

"So far I haven't seen many Es openings. Only one opening went up to ch.6. Most openings went only up to ch.3. There have been numerous tropo openings out to +300 miles but mostly relogs and too many stations to repeat in my report. Two real good tropo openings on 13 May and 13 June. Hope the Es starts picking up." (Me too--wd).

Jeff Wolf; 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902 BD/ST

2-1 Tr 0720 W25AA 114	5-8 Tr 0715 WCTI-12 269	5-21 Tr 0727 WPTF-28 251
Es 1420 KDLO-3 SD	0730 WUNK-25 244	WUNK-25 244
1430 WMT-2 LA t	WIVD-11 246	Cuba-2
2-10 Tr 0730 WUNK-25 t	WPTF-28 251	5-22 Es 1502 WPTV-2 900
2-14 Tr 0835 W42AC 66	0740 W81AL VA 88	Cuba-3
2-15 Tr 0130 WPTF-28 251	0820 WPTV-15 t	1805 KINT-3 853
2345 WCTI-12 269	0830 WBTW-13 t	1830 WMAZ-3 FL
2-16 Tr 0725 WUNK-25 244	Es 1230 Unided-2	1900 WDIQ-2 AL
WUNK-25 371	5-9 Tr 0130 WJAX-12 263	1953 WKRG-5 t
0730 WLVU-56 "	0200 WSET-13 VA	(thru local)
WTVV-41 196	0310 WPMY-2 NC	5-23 Tr 0230 WXTV-41 196
WTVV-11 246	Es 1820 KJRH-2 t	W41AC 114
WPTF-28 251	5-11 Es 1201 WPTV-2 900	W60AL trans
WVIT-30 283	1205 MUF ch.4	lating WJZ.
0740 WSBK-38 371	1230 Cuba ch.2	W44AD trans
2-23 Tr 2240 WFLA-28 PA	5-13 Tr 2220 W6HAS DE t	lating KYW.
WVIA-44 PA	5-14 Tr 0705 WCTI-12 269	0300 WOR-9 200
WNEP-16 PA	0715 Onancock	WPIX-11 200
WDAZ-22 t	translators.	WABC-7 200
3-31 Tr 0100 WTVV-11 NC	0725 W25AA trans-	0709 KJRU-47 200
WPTV-28 NC	lating WPTV.	0800 WCTI-12 269
0115 W75AP	WPRO off.	0830 W6HAS DE 80
W81AL	0745 W6HAS trans-	WPTF-28 251
W44AD	lating WNET.	WTVV-11 246
4-1 Tr 2000 WJXT-52 NJ	WNY off.	W81AL trans
2230 WUNK-25 244	5-18 Ls 1200 Unided-2 NBC	lating WWSG
2245 WUNJ-39 336	Tr 1400 WTAZ-29 PA	; WCVW off.
2300 WTVV-11 246	1900 WITF-33 PA	0930 WUNK-25 244
WPTV-28 251	W3CE-49 PA	Es 1330 MUF to ch.5
WCTI-12 269	WLYH-15 PA	1400 KMTV-3 950
2330 WLVU-39 PA	W60AB WV 86	5-24 Tr 0830 WCTI-12 NC
4-4 Tr 0650 WCTI-12 NC	1930 W6AL-8 PA	Es 1100 Cuba-2 t
4-8 Tr 0245 WABC-7 200	5-19 Tr 0001 WHTT-27 PA	1150 WPTV-2 t
EDT	Es 1825 Unided-3 ABC	5-25 Tr 0200 WTVV-11 246
4-28 Tr 2355 WSET-13 VA	Tr 2100 15 & 49 PA	0700 WSET-13 VA
4-29 Tr 0700 WXTV-41 196		0730 WUNK-25 244
W35AB PA	2130 W60AB WV 86	0920 WCTI-12 269
WHTT-27 PA	2300 W42AC VA	1005 WPTV-15 t
0730 WJXT-52 NJ	5-20 Tr 0030 W6HAS DE 80	WSET-13 VA
WJMS-23 NJ	Seaford	0920 WTVV-11 NC
0745 WLVU-39 PA	(WYY-12)	WPTF-28 NC
5-1 Ls 1230 KATV-2 t	0115 Harrisburg	1000 WJAX-12 263
5-4 Ls 1112 Unided-3	U's.	WJXT-45 t
5-5 Tr 0700 WSET-13 VA	0703 Onancock	Es 1835 WPTV-2 FL
WPTF-28 251	chs.44 & 60.	Cuba-3
WTVV-11 246	0725 15,33,49 PA	Cuba-4 t
WUNK-25 244	0745 W75AP VA 63	2310 WPTV still
2200 WTVV-11 NC	W73AS VA 63	in.
WCTI-12 269	0800 W60AB WV 86	2359 Cuba-2 t
2300 WPTF-28 NC	Es 1410 Cuba-2	0655 WBRZ-2 t
5-6 Tr 0220 WNET-9 243	1430 WPRC-2 TX	0702 KATV-3 1000
		0845 WSET-2 FL

August 1981

Jeff Wolf; continued--- 6-3 Ls 1400 WERZ-2 t 6-8 Ls 1517 Unided-4  
 5-27 Ls 0854 KTBS-3 983 1430 KPRC-2 TX 1537 Unided-2; 3/4  
 1000 KARD-3 1050 6-4 Ls 1050 Cuba-2 t color bars.  
 1130 KMDL-3 1133 6-5 Tr 0620 W60AL Va 2300 KGFL-2 ND  
 KMTV-3 950 2320 KRMV-3 t  
 1200 WMT-2 750 6-9 Tr 0620 WTVB-11 246  
 KUSD-2 1050 0630 WLYH-15 PA WPTF-28 251  
 5-28 Ls 0945 Cuba-2 0705 W41AC Va 0735 WCTI-12 269  
 1010 WESH-2 FL WGGC-49 PA 0740 WXII-12 263  
 1230 WJAR-3 FL 0720 W61AN DE 80 WUNK-25 244  
 1700 Cuba-3 Newark WPDE-15 SC  
 WPT-2 900 Florence  
 2127 WLYH-3 MS 0740 W25AA xlt- WBTW-13 t  
 2200 KTBS-3 LA ing WLYH. Ls 1045 KQTV-2 t  
 (HUF to ch.5) WMRO off. 6-11 Tr 0145 WDBJ-7 226  
 2312 KFDX-3 1183 1245 KDKA-2 t 0200 WGLA-8 PA  
 5-29 Ls 0000 KSTS-2 t Ls 2130 KJRH-2 1000 0200 WSVN-47 t  
 1020 Unided-6 WPCB-40 173 6-12 Tr 0200 WFTY-2 t  
 1100 KIMI-3 853 6-6 Tr 0640 WPTF-28 NC 0220 WDBJ-7 226  
 1130 WMAZ-2 t Ls 1230 KJRH-2 1000 0610 WLYH-15 PA  
 1211 CKPR-2 t 1540 WPT-2 t 0615 WPCQ-36 t  
 1920 KPRC-2 t 1830 Cuba-3 WSEA-43 PA  
 6-3 Ls 0900 Cuba-2 6-8 Ls 1517 CWET-3 1224 WGGT-48 NC  
 0933 WPT-2 900 Winniepeg Greensboro  
 1000 Cuba-3 Unided-3 CBS WHP-21 PA  
 WHTM-27 PA  
 WVIA-44 PA  
 0700 WOLO-25 411  
 0720 WLVN-39 PA  
 0725 WPTF-28 251  
 0800 WTTT-33 PA  
 0857 WTVB-11 246  
 0900 WKFT-40 NC  
 Fayetteville

Steve Sprachman; 3939 Eve Dr., Seaford, NY 11783 EDT

"The DX was well worth waiting for. It's gone from almost nothing to Es or Trop almost every day. And I've gotten 5 new stations (last month's WWSG-57 and WFTI-54 and 3 new ones this month). Dates with Trop here: May 25, June 1, 8, 13, 16, 17, 18, 19, 21, 22, 23, 24, 25. Dates with Es May 26, 27, 28 June 13, 18, 19 & 25."

5-27 Es 0645- 6-18 Tr 1800-2000 6-24 Tr 2030-2130  
 0700 WPT-2 FL WEAR-3 FL Norfolk chs.10,  
 WRCB-3 TN Philadelphia V's 13, 15, 27, 33.  
 Chattanooga & U's strong. WTKR-3 Norfolk  
 5-28 Es 1900-2000 16, 28 Salisbury, (ex-WIAR)  
 Unided-3; one MD, WAPB-22 MD, WCTI-12 NC; first  
 in Spanish, one NC on VHF. AEC  
 with CBS News & MD, WLP-39 PA, WIVE programming with  
 PM Magazine at -51 PA, WFTI-54 Winn Dixie ad on  
 1930 and the NY, WAAT-40 NJ half hour.  
 last one with (formerly WCMC), 6-25 Es 1915 Unided-3;  
 Mc Niel-Leherer WDCD-19 MA, WXNE- two stations--  
 Report (PES-- 25 MA. one with local  
 probably WEDU) 6-19 Tr 0615-0700 WDCD-19, news and MASH at  
 1900-2300 WWLP-22, WXNE-25, 1930(KMTV checks)  
 Philadelphia WSEK-38, WGGC-40, and second one  
 stations nearly WLV-56 MA. WLYH- had Family Feud  
 snow free. 16, 15, WHP-21, Philly at 1930.  
 28 Salisbury U's, Unided-61  
 MD, 54 Poughkeep- (probably W61AN  
 sie. Unided-64 Newark DE(WGCB)-wd)  
 under W64--(WNLW) WFTI-54, great re-  
 xitor.(The unided- ception, they are  
 ded was probably very difficult to  
 W64AS Seaford, DE get. They are a  
 (WHYY)-wd) fairly small station.  
 Es 1930 Unided-3; AEC.

Translator on 64 has been coming in better than ever (I hardly received it until about a month ago). I was unable to get a picture of the unided which would give me some clues. What station on ch.3 has AEC News at 1930 EDT (1830 CDT, 1730 MDT)? None of the stations in my TV Guides from Illinois to Colorado check out. In the TV news, now that WFTI is on the air, WHTI-17's translator in Poughkeepsie, NY is now on ch.42. WSNL-67 has been on for over a whole month. It's probably the longest it's been on since they started without going off for a day or two or more due to a fire or technical diff-

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Steve Sprachman; continued---  
 iculties. New York City is not about to relinquish WNYC-31. They are planning new ways to finance it and sister station WNYC-AM and FM. The city is hoping that it will be self sufficient by 1985."

Patrick Durkin Jr.; 8829 W. Orchard St., West Allis, WI 53214 CDT

6-4 Ls 1200 CFAC-2 1340 6-19 Ls 1555 WESH-2 1030 6-24 Es 1557 CKTV-2 935  
 Calgary 1655 KTVQ-2 1020 Regina  
 1230 KPEM-2 1270 1700 WUND-2 800 (was CKCK)  
 Ciudad Juarez 1743 KTVS-3 t 6-25 Es 1129 KACB-3 1050  
 1231 KMD-2 1080 1730 WEDU-3 1090 1130 KFDX-3 840  
 Midland 6-20 Ls 1600 WEDU-3 1090 Wichita Falls  
 6-8 Ls 2320 CFAC-2 1340 1606 WESH-2 1030 1200 KATC-3 915  
 6-9 Tr 2315 KWWL-7 215 1630 WPT-2 1275 Lafayette  
 2330 WERM-20 150 1730 WCKW-2 1125 1230 chs.2-6; too  
 2345 WAOV-9 " many inter-  
 2355 WKBT-8 170 6-21 Tr 0550 WKYZ-7 255 fering to i.d.  
 6-10 Ls 1105 KTVQ-2 1020 0555 WDIV-4 " Dked on FM.  
 Billings 0600 WTOL-11 250 1020 KTVQ-2 1020  
 6-12 Ls 1155 WESH-2 1030 6-23 Es 1700 WCB-2 740 2102 KOTA-3 755  
 1200 KMD-2 1080 New York Rapid City  
 1300 KPEM-2 1270 1730 CKCW-2 1125 6-26 Es 1000 WESH-2 1030  
 6-13 Tr 2255 KWWL-7 215 (ATV net.) 1030 WSAV-3 850  
 2300 WMT-2 195 1715 WKTV-2 640 1100 WEDU-3 1090  
 6-18 Tr 0128 WJKW-8 350 Tr 2342 WICD-15 200  
 0133 WKBT-11 455 2345 WMB-40 245  
 Pittsburgh 2357 WPTI-20 "  
 (was WIIIC) don't know.  
 0136 WKYZ-7 255 which one.  
 0144 WTHR-13 245 6-24 Ls 1130 WSAV-3 850 6-28 Tr 0011 WANE-15 200  
 0152 WJFK-2 255 Savannah WPTA-21 "  
 0525 WJIM-6 180 WKJG-33 "  
 Es 1130 KACB-3 1050 WKJG-33 "  
 San Angelo WFTT-55 "  
 1230 WEAR-3 875 Es 0956 KPRC-2 1010  
 Pensacola 1950 WLBZ-2 945  
 1255 WESH-2 1030 1500 CKSA-2 1230 6-29 Es 1145 WESH-2 1030  
 1715 KWGT-2 890 1232 WWAY-3 815  
 1725 WERZ-2 890 Lloydminster Wilmington

"This has been one of the best TV DX months ever for me. There was E-skip on 13 days in June, and 20 of the 21 new stations I logged were via Es. The strongest Es opening was on 6/25(here too--wd), when the MUF was at least 104.7 Mhz, stayed above 101 Mhz for 5 hours, and was at channel 2 or above for 12 consecutive hours. At the height of the opening there was severe interference on channels 2,3&5, and heavy CCI on local channels 4&6! So far tropo hasn't showed up much. Except for the opening on 6/18 (which brought me the other new TV station and an FM station at 600 miles), tropo here has been so-so.

As you may have noticed by looking at my report, WESH-2, Daytona Beach, FL has become a real pest, coming in on 7 of the 13 Es openings. And I logged a CHAU-TV satellite on channel 2, which could be either CHAU-TV-1 Ste. Marguerite Marie, PQ at 1080 mi. or CHAU-TV-5 Perce, PQ at 1205 mi.

This will be my last report from this location. In July I will be moving to the Minneapolis/St. Paul area to work for 3M. Unfortunately, I'll be living in an apartment there, where I'll probably be using a fixed outdoor antenna or a pair of rabbit ears for DX'ing. Until my next report from my new location, 73's and good DX."

Present Log Totals: 154 (82 VHF, 72 UHF). Equipment: Tuner section of RCA Selectavision VDT-501 VCR with Panasonic CR-93P 19" color TV. Winegard CT-1002 VHF-UHF-FM antenna with rotor at 35'.

Neil Kazaross; 30 King Philip Rd., Pawtucket, RI 02861 EDT

"Es got off to a good slow start but things are good now. I DX from both Pawtucket and Narragansett, RI. Good old tropo is often good from Narragan-

Neil Kazaross; continued---

sett but I'm not there often enough to catch it all. I now have a four foot dish that I use mounted on a Xmas tree stand. I lined it with tin foil which improved gain slightly. I'll soon be getting a UHF preamp from John Barber which should help much in my pursuits to log all of the growing number of translators in the Northeast."

6-15 Tr 0200 WOSH-6 ME	6-23 Es 1730 KTVO-3 MO	6-26 Es 1329 KQTV-2 MO
6-17 Es 1129 WBRZ-2 LA	1800 KMTV-3 NE	1359 KMTV-3 NE
1258 WESH-2 FL	1804 WOI-5 IA	6-29 Es 1230 WLBT-3 MS
1259 WTHS-2 FL	Ames	1258 WCEI-4 MS
6-18 Es 1130 WESH-2 FL	1811 KTVI-4 IA	1300 WMAB-2 MS
1830 WFLR-3 FL	1817 WOC-6 t	6-30 Es 1100 KOKT-2 KS
6-19 Tr 0128 WSNL-67 NY	1830 WMT-2 IA	Great Bend
Es 1700 WRUG-3 TN	1850 WHBF-4 t	1200 KTVI-2 MO
6-23 Es 1100 WNGE-2 TN	6-24 Es 1300 WMAB-2 MS	WDAF-4 MO
WRUG-3 TN	6-26 Es 0154 WMT-2 IA	1220 KOKT-2 KS
1329 KTVI-2 OK	0204 KTVI-4 IA	1300 KQTV-2 MO
1335 KTVI-2 MO	1130 WMAB-2 MS	1316 KJRH-2 MO t
1555 KMOX-4 MO	1200 WTVY-4 AL	1327 WMT-2 IA
1600 KQTV-3 MO	1204 WRBL-3 GA	
1700 WCIA-3 IL	1230 WFLR-3 FL	

From Narragansett:

6-18 Es 1630 WTVY-4 AL	6-27 Tr Philly chs.	6-28 Tr 0005 W53AA NY
Dothan	2055 17,29,48.	0020 W62AA NY
(state No.32)	Tr 2115 WCDC-19 MA	W64AS DE
1631 WFLR-3 FL	2135 WCMC-40 NJ	Seaford
1730 WFL-4 LA	(now WAAT)	(state No.33)
New Orleans	2205 WMDT-47 MD	0025 W44AD 344
6-27 Tr 2030 NYC 31,41,	2220 WEDY-65 CT	W41AC VA
LI 21,67,	2225 W61AE CT	Onancock
MD 16,28,	(WXTV-41)	(WAVY-10)
NJ 23,52,	2335 WNJB-58 NJ	0030 W60AL 344
2045 W60AI NY	2340 W44AD 344	(WVEC-13)
WEDW-49 CT	2350 W60AI NY	0035 CCI on WX-
WNJN-50 NJ	2355 WRBV-65 NJ	NE-25; W25AA?

Equipment: In Narragansett--Sanyo B&W portable, 4' aluminum foil lined dish indoors. In Pawtucket--Zenith color set & multiband antenna.

P.S.--"WQTV-68 STV service, "Starcase" from Boston in rebroadcast on ch.3 in my girl friends apartment complex in East Providence. I've known of no xltr on ch.3 in RI. Is this rebroadcast on channel 3 legal?"(beats me--wd)

Robert Grant; 5775 Bishop, Detroit, MI 48224 EDT

\*-denotes station seen and/or heard thru local w/i.D.

5-24 Es 1430 KMTX-3 TX	5-30 Tr 1940 CHEX-12 ON	6-8 Es 0330 KUTV-2 t
Bryan	Peterborough	Ms 0523 WSB-2 GA
5-26 Es 1930 WPBT-2 FL*	6-2 Tr 0245 WMAQ-5 IL	Es 2100 Unideads on
5-27 Es 1130 KLAS-5 TX	Chicago	ch.3 to NW.
WLBT-3 MS	6-3 Tr 0310 "	2300 KPMG-3 ND
KOLT-3 OK	6-4 Tr 0300 "	Bismarck
1200 KFDK-3 TX	Ms 0506-0537	6-9 Ms 0420-0545 WNGE-2
5-28 Es 1215 KPTV-5 FL	WNGE-2 TN	seen 7 times.
W. Palm Beach	WSB-2 GA	6-10 Es 1200 KOTA-3 SD
1218 WCIX-6 FL	Ms 0440 WNGE-2 TN	6-11 Es 1330 CHET-3 t
Miami	Tr 0517 WBEM-2 IL	6-12 Ms 0509-0527 WNGE-2
WEDU-3 FL	0545 W-C-7 WV	seen 5 times.
1230 WTVJ-4 FL*	Wheeling	6-14 Es 2100 KLINE-3 NE
1930 WEDU-3 FL	(was WTRF)	Lexington
2230 WFLR-3 FL	Es 2305 KXAS-5 TX	6-15 Es 1620 WEDU-3 FL
Pensacola	6-6 Es 1100 WEDU-3 FL	6-16 Es 1900 KIII-3 TX
2317 KATC-3 LA	1200 WLBT-3 MS	6-17 Es 2020 KATC-3 LA
5-30 Ms 0533 Unided-3	6-8 Es 0320 KWGN-2 CO	2030 KPRC-2 TX*
(saw CECF tp)	0330 Unided-4	2100 KIII-3 TX
0627 WSB-2 GA	start movie.	Tr 2130 WCFB-5 TN-V.
Tr 1920 Toronto		(state 29) Bristol

Robert Grant; continued---

6-18 Tr 0127 KPVG-12 MO	ing on 8:00 The air	6-24 Es 1130 WEDU-3 FL
Cape Girardeau	and changing offsets."	1145 WSAV-3 GA
0215 WMAQ-5 IL	6-19 Es 1120 WEDU-3 t	6-25 Es 0500 Unided-4
0231 WPTV-4 TN	6-20 Es 1800 WEDU-3 FL	CTV Nat'l News
0233 WJLL-11 TN	6-21 Es 1430 KLAS-5 TX	0529 WDIV on
Johnson City	KMTX-3 TX	(state 30)
0235 WMAQ-13 WV	1525 KACB-3 TX	1111 KIII-3 TX
Huntington	San Angelo	1130 KATC-3 LA
Es 1230 WSAV-3 GA	1530 KOLT-3 OK	1200 KMTD-2 TX*
WESH-2 FL*	1700 Unided-6	Midland
Daytona Beach	1813 KJRH-2 OK*	1425 KXMA-6 CO
WLBT-3 MS	Tulsa	Denver
1248 WEDU-3 FL	6-23 Ms 0433-0509 WNGE-2	1630 KOTA-3 SD
1400 KTES-3 LA	& WCEB-2	KIVV-5 SD
1800 KATC-3 LA	0514 KDKA-2 PA	6-26 Es 1130 WKRG-5 AL
1830 KTVS-3 CO	Ms No.13	KTVS-3 CO
2015 WPBT-2 FL*	Es 1945 CHET-3 NS	WEAR-3 FL
WTVJ-4 FL*	2310 CHAT-1-3 NF	1200 KTVS-3 LA
WPTV-5 FL	Baie Verte	1230 KXAS-5 TX
WCIX-6 FL	(Province 6)	KFSM-5 AR
2130 WEDU-3 FL		(state 30)
6-19 Es 1640 KATC-3 LA	6-26 Es 1310 KOCO-5 OK	6-28 Es 2100 CKLT-1-3
1959 WEDU-3 FL	1315 KJRH-2 OK*	NB
"having xmttr	1350 KLINE-3 NE	6-29 Ae 0207 Unided;
trouble--popp-	1730 WEDU-3 FL	on 2,3 & 4.
	6-28 Es 2000 CHET-3 NS	Tr 0310 WBEM-2 IL
		An 0430 WCCO-4 MN

"WTVS-56 is now a 24 hour station; I am glad to hear that they have also applied for more power. (WTVS is very poor here on the east side, I get WEDU more often than I get WTVS).

WPTV and WENS are using the exact same logo as are KIII and WFLR-3. (I know about the last two-wd)

The 1969 RCA color set is shot for good this time; (flyback and crt). Family viewing set is now a 1958 24" B&W Emerson with UHF converter, definitely not for DX. But it gives the best 525 line pix around. I realigned the i.f. group without a generator nor scope! I just fiddled with the tuning slugs until the buzz was gone and the picture was sharp.

VHF DX since 5-22 is on a 1959 21" Zenith. (sounds like my old 16C21-wd). Very hot at ch.5 and below. With the V-90 WKYC-3 is usually watchable unless DX is in.

My brother has the 12" Sears so I don't have anything to DX UHF with. At vacation my brother will have the Zenith and I'll take the Sears back home just in time for tropo season.

In the June VUD you will see a 3-17 GW logging of CHET-9. That's not DX and what I had reported was that CHET was also xmitting on ch.11. It's not an image because the offset appears the same (about 1 khz to WCOL) on all sets. CHET denies having any relay on 11 or for that matter any channel. I suspect that their xmttr was poorly tuned.

It was interesting to ID my first Au so close to the summer solstice. An Ae (Au-induced Es) opening had dragged me in to discovering the Au. I stuck with it and heard audio about 0425. I tuned my GE TV-BAND radio so that the i.f. oscillator would be at ch.4's pix carrier frequency. Thus giving the audio subcarrier something to "ride-on". I heard an FM station IDing or I should say non-IDing as "stereo 103". I had known that WCCO-4 had used a news text service for quite some time. Also seen by Ms. I looked up WCCO-FM and it is on 102.9. Later I called WCCO-4 and checked that they were running text news at the time and that the audio feed was WCCO-FM and that they have an rnd format and that they non-ID as "stereo 103".

George Rogers; 320 Lafayette Rd., Christiansburg, GA 30707 EDT-CDT

"Here is this month's report for Eastern TV DX. It's a mixed bag of DX because I wait to Woodridge, IL on June 6-10. Equipment: RCA 12" portable TV

# Eastern TV-DX

August 1981

George Rogers; continued---5-24 Es 1430 KMS-5 1145 5-28 Es 2237 XHRIO-2 1265  
Model No. AFR-246-W. 1445 KSNB-4 1130 2255 KGBT-4 1250  
5-19 Es 1350 KMID-2 1123 1510 KTWO-2 1547 2305 KPRY-4 1320  
1810 WRRZ-2 525 0910 KND-4 1300 2310 KUSD-2 1105  
5-20 Es 1040 TR-5 900 0920 KGBT-4 1245 WCCO-4 1007  
Santiago 0930 KNGE-5 1430 2315 KMT-2 712  
1315 XHRPM-2 1450 0935 XHMO-4 1450 5-30 Es 0940 WLEBZ-2 1194  
1325 XEW-2 1850 0940 KRGV-5 1450 0955 CBFT-2 1084  
1445 XHGE-5 1430 1000 XHRPM-2 1450 0957 CJIC-5 1005  
Campeche 1025 XEFB-3 NL 1010 CKCY-2 " 1015 WCHL-6 856  
1455 XHMO-4 1430 1030 XHGV-4 1750 Tr 1035 WTVW-7 295  
2018 ICR-2 845 0935 CKCY-2 1005 Es 1035 CBOT-4 1246  
5-21 Es 1200 XHRPM-2 1450 0950 CFCL-2-2 1355 CBEL-5 998  
1210 KMTV-4 1850 CKSO-5 1206 1145 CKPR-2 1348  
1230 WPEB-2 776 1000 KUSD-2 1105 1600 XHRPM-2 1265  
WTHS-2 " 1002 KDLO-3 1285 1615 XHMO-4 1430  
1235 ICR-5 875 1003 KIVV-5 1434 2125 XHRIO-2 1265  
WTVJ-4 776 1005 KXON-5 1240 2140 KGBT-4 " 2145 KRGV-5 1250  
5-22 Es 1620 ICR-2 845 1010 KXJB-4 1381 2010 ICR-2 845  
1010 XHMO-4 1450 KPIO-6 1330 6-2 Es 2032 WLEBZ-2 1184  
1015 XHGL-5 1430 1030 KMTV-3 987 2038 WCHI-2 998  
1020 XHRPM-2 1450 1040 KNOP-2 1179 2047 WCES-2 741  
1120 ICR-4 845 1100 KOTA-3 1404 2230 WPEB-2 776  
1130 ICR-5 875 1115 CKX-5 1598 6-3 Es 1000 KXW-2 1850  
1155 XHGV-4 1750 1120 KTWO-2 1576 1005 KXID-4 1350  
Guadalajara 1128 KRMA-6 1317 1010 XHGV-3 1500  
1159 WPEB-2 776 1142 KFYR-5 1450 Coatzacoalcas  
1255 XEHL-6 1750 1530 WGER-2 995 1030 WPEB-2 776  
Guadalajara 1600 WLEBZ-2 1184 1150 XHRPM-2 1450  
1300 XEWO-2 1750 0915 XHMO-4 1450 1600 KNOP-2 1179  
Guadalajara 0917 XHRPM-2 " 2130 CFCL-2-2 1355  
1730 KMID-2 1123 1105 KWGN-2 1317 2145 CKPR-2 1348  
KWAB-4 1083 1115 KOAA-5 1259 2215 KUSD-2 1105  
1753 XEJ-5 1430 1130 KOA-4 1317 2255 XHRIO-2 1265  
1800 KDEC-4 1425 KCKT-2 948 2259 KPRC-2 784  
2200 XHRIO-2 1125 1230 KYCU-5 1369 6-4 Es 0950 XHRPM-2 1430  
5-23 Es 1315 CKCY-2 1005 1235 KRMA-6 1317 1020 XHMO-4 1450  
1325 CFCL-2-2 1355 1310 KTWO-2 1570 1055 KMID-2 1123  
1350 CKPR-2 1348 1532 WLEBZ-2 1184 1120 KDEC-4 1425  
1710 KWGN-2 1317 1900 WGER-2 995 1130 KWAB-4 1083  
KOA-4 " 2030 CKCO-2-2 1355 1240 KWGN-2 1317  
5-24 Es 1050 XHRIO-2 1125 2100 KMID-2 1123 1245 KOA-4 " 1840 TR-5 900  
KGBT-4 1250 2200 WPSX-3 716 (Cuba)  
1200 KMID-2 1123 2215 CKSO-5 1206

## From Woodridge, IL

6-7 Tr 0815 WTMJ-4 87 6-8 Tr 0915 KCCI-8 289 6-8 Es 2059 CHSS-6 1205  
WITI-6 " Des Moines 2120 CKCB-2 1310  
0820 WGRF-39 86 Es 1145 CKOS-3 1275 Wynyard  
Rockford Yorkton  
WMBD-31 157 (No longer on Tr 2215 WISC-3 140  
WKOW-27 140 ch.3; but on 6-9 Tr 0735 WOC-6 162  
0823 WEEK-25 157 ch.5;---wd) 0805 WPNB-38 200  
WCGV-24 87 Green Bay  
Milwaukee Edmonton  
WIFR-23 86 CFCL-4 1608  
0825 WQAD-8 162 Calgary  
0833 WMTV-15 140 2025 CEWFT-3 862  
0840 WTV-17 86 Winnipeg  
WTVJ-18 87 2030 CITL-4 1476  
WRAU-19 157 Lloydminster  
WTVS-10 87 CKMT-4 1196  
WISN-12 " 2035 CKBI-5 1386  
WISN-13 86 Prince Albert  
0843 WHA-21 140 2040 CKBI-3-4 1509  
6-8 Tr 0910 WHO-13 289 Greenwater Lake  
Des Moines 2050 CHAT-6 1429  
Medicine Hat

# Eastern TV-DX

August 1981

George Rogers; continued---6-9 Tr 0940 WOTV-8 168 6-9 Es ICR-3-3 1400SLC30  
(WVCY-30 must have been 0945 WTHW-55 197 Tr 2110 WLEBZ-36 330  
testing because they Springfield Park Falls  
haven't started program-  
ing yet.--wd)

## From Radcliff, KY

6-10 Tr 2110 WQBI-43 120 6-10 Tr 2125 WATU-30 100 6-10 Tr 2140 WLEBZ-36 330  
Richmond WOLT-48 121 Portsmouth  
2200 WUT-22 140

## More from Radcliff, KY

6-11 Tr 0830 WMO-2 194 6-11 Tr 0845 WQIC-12 144 6-11 Tr 0950 WPTA-21 278  
WTTV-4 157 0900 WMTV-6 157 Ft. Wayne  
WVLT-5 144 0930 WHTO-7 223 1000 WFTI-20 157  
WCPO-9 " 0945 WLFI-18 283 WTHR-13 "

## From Chickasaw, GA

6-12 Es 1150 KMID-2 1123 6-17 Es 2115 KMOI-4 981 6-18 Es 2240 KOB-4 1320  
6-13 Tr 1010 WIOK-11 296 KENS-5 " 2250 KDEC-4 1425  
Es 1430 CBFT-2 1086 2135 KRGV-5 1250 2300 KNOP-2 1150  
6-14 Tr 0945 WDAM-7 382 2150 KMID-2 1123 2305 KWGN-2 1317  
WALA-10 386 2152 KWAB-4 1083 6-19 Es 1020 KPRM-2 1430  
WATL-36 113 2200 KAVE-6 1452 1030 KMID-2 1123  
WAMA-40 130 2210 KDFW-4 793 1300 KNOP-2 1180  
WEMA-42 145 2215 KXAS-5 821 1705 CKCY-2 1005  
1005 WKRG-5 382 2230 XHRIO-2 1265 1715 WCHL-6 856  
1100 WCEI-4 225 6-18 Tr 0925 WCHS-8 427 WTMJ-4 904  
1115 WERC-6 145 1040 WLOS-13 195 1825 WLEBZ-2 1184  
1125 WMAZ-2 245 1105 WJHL-11 215 WGER-2 995  
1515 WVTM-13 145 WTTV-4 417 CKCW-2 1369  
Es 1830 CEWFT-7-2 1520 ICR-2 845 1900 CBFT-2 1086  
2100 KUSD-2 1105 1110 CFCL-4 1268 1930 WCCO-4 1008  
2140 KCKT-2 948 1115 ICR-4 845 KSTP-5 " 1935 KXJB-4 1327  
2147 KWGN-2 1317 1120 TR-5 900 2010 CKGN-2 1151  
KOA-4 " (Bancroft)  
2200 KOB-4 1320 1200 KTWO-2 1547 2055 WGR-2 794  
2215 KMID-2 1123 KNOP-2 1180 6-20 Es 1620 KMID-2 1123  
KWAB-4 1083 1205 KDUH-4 1402 WPEB-2 776  
6-15 Tr 0900 KLTB-2 459 1210 WTVJ-4 776 KWAB-4 1083  
0930 WBBJ-7 280 2Es 1500 CKSA-2 2250 1630 CKGN-2 1151  
6-16 Es 1905 KAMR-4 1036 Lloydminster 2000 KUSD-2 1106  
KCKT-5 1116 1515 KTCB-2 1008 KTVI-4 1085  
KOB-4 1300 1525 WDAY-2 779 1150 WGR-2 794  
1910 KDEC-4 1425 1530 CKPR-2 1348 1205 CKGN-2 1151  
2030 KWGN-2 1317 1710 KDTX-2 1574 1230 KNOP-2 1180  
KOA-4 " 1720 KSRE-6 1541 1400 KTCB-2 1008  
2040 KOAA-5 1259 1730 KEME-3 1474 1405 KPRY-4 1320  
2105 KRMA-6 1317 Bismarck 1410 KXON-5 1240  
6-17 Tr 1400 WCYB-5 224 1735 KFYR-5 1474 1415 KPIO-6 1330  
WDEJ-7 367 2000 KPHC-2 784 1430 KQTV-2 853  
Es 1430 ICR-2 845 2035 CKCY-2 1005 1500 KCKT-2 946  
1440 ICR-4 845 2135 KMID-2 1123 1510 KSNB-4 1130  
1500 TR-5 900 2145 KAVE-6 1452 1520 KDUH-4 1420  
WTVJ-4 776 KTX-5 1116 1600 KAJB-4 1327  
1505 WPTV-5 709 2200 KDFW-4 793 1620 KFYR-5 1474  
WPEB-2 776 KXAS-5 821 1700 KSTP-5 1008  
1630 KGBT-4 1245 2215 KWAB-4 1083 KAL-6 1328  
2115 KPRC-2 784 2230 KAMR-4 1036 WCCO-4 1008  
WLEBZ-2 1184 WDAY-6 1328  
1810 CKX-5 1598

"Here is this months' report for Eastern TV-DX. It's a mixed bag of DX because I went to Woodridge, IL on June 6-10. I would sure like to get a high-band Es station before the Summer is out and I hope to reach the 500 station mark before the year is out. Remember, we're gonna have DX fun in 81!"

## Comments:

On the above report more than one distance was given for some stations. I don't know which one is correct. Please send in error free reports.--wd



Greg Kelley: 211 St. Clair Ave. SW, New Philadelphia, OH 44663 EDT

5-26 Es 1300 KHAS-5 790	5-26 Es 1300 KTIV-4 700	5-26 Es 1330 KTCA-2 600
KTIV-2 450	Sioux City	Minneapolis
St. Louis	1330 KDLO-3 750	5-28 Es 2130 KNOP-2 980
KDUH-4 975	Florence	KWGN-2 1100
WQWT-6 675	KPI0-6 845	Denver
Omaha	Reliance	Total states at:22

"The Jerrold STD-82 Balun is sold for \$3.15. They handle wholesale most of the Jerrold line of TV antennas & parts. Their address is: Mc Gee Radio & Electronics, 1901 Ma Gee St., Kansas City 64108.

I decided to take the chance and order the STV decoder sold by Meshna. A friend will buy it off of me, should the thing not work. So I'll let all of you know if it works."

Frank Wheeler: 6589 Wattsburg Road, Erie, PA 16509 EDT

6-4 Es 2130 KQTV-2 779	6-18 Es 1701 WEDU-3 998	6-18 Es 2100 KDIO-2 815
KNOP-2 1066	1727 WTVJ-4 1098	1700 KTVY-4 1040
2159 KLINE-3 1016	1949 WERZ-2 1020	Vacation in Ver-
6-17 Es 2130 KPRC-2 1210	2000 WESH-2 902	mont 6-22 to 6-26
6-18 Es 1700 WPHI-2 1098	2030 KJRH-2 943	6-18 Es 1300 WERZ-2 1020

Log totals: 280 received, 214 verified. Equipment: 25" Sylvania 1976 TV; Archer WU-160 antenna and Servo-Rotor.

Christopher Hanley: 1125 Bolton St., Winston-Salem, NC 27103 EDT

5-9 Gw 1522 WGGT-48 27	5-14 Tr 0632 WCWB-41 294	5-31 Tr 0324 WCTI-12 195
Greensboro	Macon	6-7 Tr 0718 WYAH-27 225

"Whatever happened to TV-DK? Seriously, I've picked up lots of relogs (140 miles and under); not much that's new. WGGT-48 (Ind.) signed on the afternoon of 5-9 with NBA Playoffs. Since then they've been aggressively undistinguished (old movies, old sitcoms, etc.)"

William J. Draeb: Ellis St. R.R.#2, Kewaunee, WI 54216 CDT

6-4 Es 1200 KMID-2 TX	6-18 Tr 0035 WERE-28 630	6-23 Tr 0808 KINL-30 432
6-5 Es 1828 KPRC-2 TX	WDAL-22 "	Es 1905 CHET-3 NS
KETX-3 TX	0041 WKPT-19 612	CHSJ-4 NB
1855 KIII-3 TX	WLKY-32 437	2158 CJRT-3 t
2030 WDIQ-2 AL	WAFF-48 685	CJCB-4 NS
2045 WTVY-4 AL	WEMG-42 768	CHIT-5 t
2050 WKRG-5 t	WHMA-40 762	bars-4
2057 KMID-4 TX	0108 CHMT-47 410	6-24 Es 0035 3/4 c.b.-2;NE
2123 XEFP-3 t	0740 WAFF-48 685	WESH-2 t
2137 KRIS-6 t	WAAY-31 "	6-24 Es 1921 WEDU-3 FL
2200 KJAC-4 TX	WKMR-38 t	WESH-2 t
KATC-3 LA	0819 WHHW-55 t	1954 WVAR-3 t
2213 KTBS-3 LA	Es 1140-1600 KMID-2 TX	2032 WTVJ-4 t
2230 KFSM-5 t	KENW-3 NM	2035 WUFT-5 t
2239 KOET-3 t	KARD-3 KS	2052 WJXT-4 t
6-6 Es 1120 WVAR-3 FL	KAMR-4 TX	6-25 Es 1200 KWAB-4 TX
1130 WKRG-5 AL	KWAB-4 t	(KTPX-9 I.D.)
6-7 Tr 0720 WCET-48 OH	1930 KPRC-2 TX	KDFW-4 TX
6-8 Tr 0627 KINL-30 MO	KATC-3 t	KXAS-5 TX
2032 CJFB-1-3 SK	KJAC-4 TX	1224 KAUZ-6 TX
2100 CFCN-4 AT	2206 KETX-3 TX	1229 KJAL-6 TX
CHAT-6 AT	6-20 Es 1525 WTHS or	KJAC-4 TX
2130 CFAC-2 AT	WPHI-2 t	1230 KFDM-3 TX
6-14 Es 1945 CFAC-2 t	WESH-2 FL	KATC-3 LA
CFCN-4 t	WEDU-3 FL	1254 KFDM-6 TX
2021 KID-3 t	6-21 Es 1630 WMAB-2 MS	1830 French-3; NW
6-18 Tr 0018 KINL-30 432	WNL-4 LA	KRTV-3 MT
WSEE-35 405	WDSU-6 LA	1845 WWAY-3 NC
WKIN-27 420	WLEH-3 MS	WUNC-4 NC
WFTJ-21 "	2005 WESH-2 FL	1900 CFCN-3 AT
0030 BELFT-25 410	WEDU-3 FL	1930 KOA-4 CO

Draeb; continued---	6-29 Es 2256 KACB-3 t	7-4 Es 2030 WESH-2 FL
6-25 Es 2000 WCBD-2 SC	2312 KENW-3 NM	2123 WCBD-2 SC
WCIV-4 SC	6-30 Es 0040 WERZ-2 LA	2131 WWAY-3 t
WFTV-3 t	KPRC-2 TX	2240 KID-3 ID
WUND-2 NC	WESH-2 FL	KALD-4 t
2145 WSB-2 t	0110 WJXT-4 t	2245 KBCI-2 t
6-28 Tr 0745 WFTJ-21 OH	WNL-4 t	2255 KJFL-4 MT
WXTV-33 OH	7-2 Es 0030 CKSA-2 AT	2300 KOUS-4 MT
WPGH-53 PA	CITL-4 AT	(NBC net.)Hardin
WPTT-22 PA	0043 CKHQ-2 SK	2315 KINE-3 ND tent.
KINL-30 MO	Helfort	2321 KRTV-3 MT
Es 1820 WGHM-2 PA	(WFLY off at 0035	2345 CFAC-2 AT
WEZ-4 PA	on weekdays-wd)	1915 WVAR-3 FL
WCVB-5 MA	7-3 Tr 2300 KINL-30 MO	WKRG-5 AL
1825 WFSB-3 CT	7-4 Es 0842 KPRC-2 TX	1933 WRML-3 GA tent.
1954 CHET-3 NS	KJAC-4 TX	2000 WWAY-3 NC
CJCB-4 NS	1140 KID-3 ID	2001 WUNC-4 NC
CHIT-2 t	(local parade)	WECT-6 t
2029 CKCW-2 t	1152 IPVI-6 t	2005 WCBD-2 SC
CHSJ-4 t	1750 WESH-2 t	WCIV-4 SC
6-29 Es 2028 KMID-2 TX	WJXT-4 t	WCSC-5 SC
2256 KFDK-3 t	1800 WCBD-2 SC	2200 WEDU-3 FL

Bob Seybold: Bennett Rd., Dunkirk, NY EDT

"Here is a brief report of some of my DA activities for June 1981 up to June 27, 1981.

E-Skip observed on several occasions from June 1-20th mostly on channels 2-4 and mostly Florida and Southern U.S. stations. E-Skip was intense and frequent in past week June 20-27. Highlights include June 24--hi-band skip WFTN-7 at 1300-1320. Also, heavy intense E-Skip all day on this day with all Florida low's 2-6 seen; also GA, MS, AL, SC, NC, LA, low-V's seen only lull all day was 1400-1600. June 25--another heavy E-Skip day--starting in Florida but spreading fast across southland into TX, then into OK, KS, NE, LA, MO, CO, WY, Dakotas, NB and double-hopping into ID (KID-3 only)--reached all lows 2-6 and into PM heavy. Opening noted about 0900 and lasted till at least 1500 and later E-Skip into Denver was super. Well over 50 skip stations seen. June 26--E-Skip again, less intense, mostly Florida and South but did reach into Kansas. June 27--some skip noted 0900-1200. June 28--E-Skip late in day, quite heavy--had to leave so no I.D.'s. Drops in this period had one good opening in mid-June (lost log for day; hope to find for details and exact time & date) reaching into Oklahoma for my first U from that state, KGGT-41, KY, AL, IL, MO, U's in that date too. More recent drops include 6-22--KY, OH, WV, PA, IL U's in (evening) June 28--0600-1200 drops--WICD-15, WCMU-14, WNDU-16, WLF1-18, WSBT-22; Michigan U's excellent--19, 20, 25, 28, 31, 41, 50, 56, 62; Ohio translators 47, 64, 67; Ft. Wayne U's, also Lima 35. Recent new station here; WLYJ-46 Clarksburg, WV; also, Dayton, Columbus, Cincinnati, and Indianapolis U's seen on couple occasions. That is about it for now. Hope to log a few new ones before season is over. New stations and translators about only chance--drops openings will help."

Harry J. Hayes: 9 Henry St., Wilkes-Barre, PA 18702 EDT

6-6 Es 1728 KDTX-2 1390	6-23 Es 1720 WOI-5 IA	7-4 Es 1128 strong chs.2-6
Dickinson	1800 KIMT-3 IA	1130 WEDU-3 FL
6-13 Es 1920 KARK-4 AR	1900 KTCA-2 MN	1216 WVAR-3 FL
1925 KTV-3 MO	6-25 Es 1909 KCKT-2 KS	1230 WTVY-4 AL
1930 KPTV-2 MO	1912 KTVI-2 MO	1245 WDIQ-2 AL
6-18 Es 1700 WDIQ-2 AL	2000 WTVY-4 AL	(color bars)
1930 KLTG-2 AR	WESH-2 FL	1900 KTES-3 LA
2030 WKRG-5 AL	2200 KQTV-2 MO	1902 KARK-4 AR
2153 KCKT-2 KS	6-28 Es 1930 CHSJ-4 NB	"flood warning"
6-19 Es 1930 KETS-2 AR	1900 CHNT-8-3??	2300 KTCA-2 MN
6-20 Es 1730 KJAC-4 TX	According to the new station	2307 KDLO-3 SD
1800 WLEH-3 MS	guide CHNT-8-3 isn't on ch.3	WCCO-4 MN
	but on ch.11.--wd	7-5 Es 0000 KPI0-6 SD

Equipment: Winegard ch.2-6 yagi indoors on CM amp. 25" RCA XL-100 TV. "all in all poor Ls season. Openings are scarce and when they do occur last no longer than a few hours, most lasting only an hour or less. 7-4 has had

Harry J. Hayes; continued---

the most extensive E-Skip activity of the season so far and for most of that afternoon the band was closed. I will say to any TV DXer who began in this hobby since 1977 that you have not yet experienced a good E-Skip summer. It seems to me that the sunspots must have something to do with this. There seems to be much more skip activity after sundown in proportion to the amount of daytime skip activity in these past four years."

Morrie S. Goldman; 5815 N. Christiana Ave., Chicago, IL 60659

"I'm already working on an update/correction sheet for the new TVSG (Television Station Guide--wd). I'd appreciate hearing from you with details of any errors or omissions that you may have caught. Would also appreciate any other comments on the TVSG. Thanks." (I typed up a couple of sheets of corrections that I was about to forward to Bill Thompson for publication in the VUD but since I heard from you, I'll send these corrections to you and let you do with them what you want.--wd).

#### More Comments:

Several of the reports I received this month got here past the deadline of the 5th. Please send in your reports early enough each month.

On June 17th I had a tour of WPNE-38's translator W55AO which is located on the northern end of the Door County Peninsula (thanks to the Door County Amateur Radio Club for the tour). The translator tower is on the Wisconsin mainland (as opposed to Washington Island where I thought it was). It's about 4 miles from the end of the peninsula. Their tower is 490' high with a 9' antenna (omni-directional as opposed to directional) on top for a total height of 499' above ground. The transmitter puts out 100 watts. From what I was told their coverage is less than they expected but their signal is in here nearly every day, some times snowfree.--wd



--Logos from Paul Gaines, Detroit MI

# WESTERN TV-DX

August 1981

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

Deadline: 5th

The column this month will be limited to my DX only since no other reports are available. Are there any DX'ers left in the west?

My impression of the season so far is that it has been pretty good for both Es and tropo. I miss a lot of DX due to work, but I know it is there. The end of June found me moving to a new house again. (I expect to stay at this one for some time). From 6-23 to the afternoon of 7-10, I was restricted to indoor antennas. I believe the weekend of 7-4 was good for tropo, but I was unable to really check it out.

New	New Mode	Tentative - t	Unidentified - unid
Fred McCormack, 3022 S. 13th St., Fargo, ND 58103 135 Prairiewood Dr., Fargo, ND 58103 (after 6-28)			
Equipment: 9" Broadmoor television, CH-7078 V/U, CH-9095 UHF, B-T GMA-U preamp			
June 1981			
14 Es 1929 KOTI 2 OR 1265	2153 unid Spanish 2	19 Es 2058 KENW 3 NM 965	26 tr 0819 WHWC 28 WI 270
1944 KTVK 3 AZ 1230	1030 unid 2 s	0821 WEEK 25 IL 560	0826 WMBD 31 IL 565
1948 KNAZ 2 AZ 1120	1358 WDIQ 2 AL 1195	Es (MUF 106.3@ 1022 WV)	1030 WCYB 5(TN) 1040
16 tr 2204 K22-- 22 MN 130	(MUF 95.1 @ 1454 )	1458 WAGA 5 GA 1115	1128 WSAZ 3 WV 935
(Brainerd KSTP-5)	1501 WKRG 5 AL 1215	1728 WBTW 3 NC 1140	1129 WFMY 2 NC 1150
2207 K38-- 38 MN 95	1728 WBTW 3 NC 1140	(MUF 107.9@ 1156 NC)	(MUF 105.5@ 1238 VA)
(Alexandria KMSP-9)	1729 WCSC 5 SC 1320	27 Es 0927 KATC 3 LA 1185	28 Es 2000 KVBC 3 NV 1195
2207-2330 unid xltres	1758 WFMY 2 NC 1150	tr 2159 KSIN 27 IA 300	
2329 K2IN 21 IA 305	24 Es 2158 unid 2 NBC TX		
18 Es 2049 unid 5 s ABC	2303 KUTV 2 UT 880		
2059 KOET 3 OK 810	(MUF 96.5 @ 2309 )		
2127 KPRC 2 TX 1195	2327 KVVU 5 NV 1200		
2135 KIII 3 TX 1330	25 Es 2000 KNAZ 2 AZ 1120		
1400 KHID 2 TX 1060	(MUF 95.1 @ 2025 NC)		
(w/rabbit ears )	2029 WCYB 5(TN) 1040		
1658 KNAZ 2 AZ 1120	(MUF 107.5@ 2032 )		
1726 KHID 2 TX 1060	(MUF 106.5@ 2110 )		
1728 KWGN 2 CO 650	2200 WTAR 3 VA 1250		
1758 KUTV 2 UT 880	26 Es 0816 WGR 2 NY 935		

July 1981

4 Es 2130 unid 2 se CBS
8 Es 2159 KENW 3 NM 965
2200 KNAZ 2 AZ 1120
10 Es 0926 KHID 2 TX 1060
1000 unid 5 CBS
2213 WJAR 2 MD 1135
2229 KDKA 2 PA 945

B.W. Battin, 4305 Pitt St., Duluth, MN 55804 (218) 525-2448

As of mid-June, when I'm writing this, there has been practically no DX so far this season. If the situation improves, I'm afraid I won't know about it, as I've taken down my antennas in preparation for moving a few months from now. In part because we're heading for New Mexico, where DX conditions are different (no tropo except along the eastern border) and in part to simplify moving, I've decided to sell some of my equipment. (Good luck on the move. Hope to get reports from you again in the future. fm)

## STATION BREAK

c/o Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

WTPDA member ads only. 3 line or 30 word limit.

FOR SALE - RG-11U foam coax - 100' \$30; Winegard 10 element yagi ch 2-6 \$20; Jerrold 10 element ch 7-13 \$15; CDE AR-10 rotor (needs repair) \$15; CDE AR-22ML rotor (good condition) \$35; CDE AR-14 rotor (needs repair) \$30. Prices include shipping. B.W. Battin, 4305 Pitt St., Duluth MN 55804.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

# NORTHERN FM-DX

Ralph Strobel, editor  
2510 E. McGalliard Rd.  
Muncie, Indiana 47303  
Deadline: the 10th

AUGUST 1981

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

SOME GOOD E-SKIP HEARD, BUT TROPO WAY BELOW PAR!

NO REPORTS FROM CANADA, AS CANADIAN POSTAL STRIKE CONTINUES ON.

Bruce Elving, Ph.D. - 4515 Avenue "E" - Kearney, NE 68847

Two California sieges of skip highlight this report. The only tropo was April 13 when I received WBIZ 100.7 and WAXX 104.5 Eau Claire WI, both over Omaha stations, plus KINF \*91.9 Dodge City KS with mono rock April 27 and KLAU 101.5 Lawton OK probably with increased power and no SCA May 22. A VUD tip had me check out KXLS 99.7 Alva OK, and sure enough I can get this easy-rocker any time I try for it, for my only OK regular. Now, to the skip:

May 23, 2131 to 2302 CDT: KYUU 99.7 San Francisco, KSOL 107.7 San Mateo (sounded almost easy-listening and not soul), with no PRN on its SCA; KLUC 98.5 Las Vegas NV, KROY-FM 96.9 Sacramento, KCTC 96.1 Sacramento, KUUL 92.1 Madera, KONG-FM Visalia CA, KKYS 107.5 Hanford, KUNA 96.1 and KCBX \*90.1 San Luis Obispo, and KYNO-FM 95.5 in Fresno. A new semi-local with stereo, rock, was discovered then--KZMC 103.1 McCook NE.

Skip May 27: WSCI \*89.3 Charleston SC at 0915 CDT was the first heard with positive identification, followed by WGXL 100.5 Laurens, WAIM-FM 101.1 Anderson, WORG-FM 103.9 and WPUS 106.7 both Orangeburg, and WHEK \*89.7 Columbia, all SC. Then I heard WJSQ 101.7 Athens TN, WAZZ 101.9 New Bern, WRAL 101.5 and WSHA \*88.9 both Raleigh NC at 1010 to end the session. June 3 from 2100 to 2147 gave five new catches: KBYU \*88.9 Provo UT, KSUE-FM 92.7 Susanville CA, KAER 92.5 Sacramento CA, KNIS 94.7 Carson City NV, and KDFM 92.1 Walnut Creek CA, with KROY-FM again heard with its music SCA.

Those Californians are getting to be real pests. On June 6, 1936 to 2003, I got real good tapings of IDs on KJAZ 92.7 Alameda, KQED \*88.5 San Francisco, KCBS-FM 97.3 San Francisco, and KUSF at 8:03, ending a black church/soul program late, mono. No trace of KPOO \*89.5 San Francisco, so I wonder if KPOO takes Saturday nights off.

I am running an extra-legal FM translator on 107.0 MHz, "The Beam," usually feeding KUCV (FM) 90.9 Lincoln or other public stations to a city having no public radio reception. I pick up with a 5-element antenna, and retransmit in a SSW lobe using a 10-element yagi antenna. A portable radio is used as the transmitter with modulation added to it, tapped from an MPX out connection in my Fisher receiver. I can thus transmit a matrix signal having stereo and SCA, like any FM translator. The radios output goes into an FM booster, peaked to 107 MHz, and the output of the booster into the antenna. With this "beam," I can listen to DX in my office, 3 km away. I shut down when skip or other DX is coming in, or at the other extreme, when reception conditions are so bad that I cannot successfully retransmit the desired stations. I am using the "beam" as research for an article I am writing on FM translators, and possibly for an experimental license I may petition the FCC for. All my students know about this!

73ily, Bruce

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Robert Goodman - 2030 Hering Ave. - Bronx, NY 10461

This is all the FM DX I've done, so all loggings are new. Receiver is CB-8 multiband from Radio Shack, with undefeatable AFC and built-in whip.

9/5 tr (1980 at Cicero, IL)  
2120 WKAR 90.5 MI East Lansing  
2125 WPTH 95.1 IN Fort Wayne, "Rock-95"  
2127 WLAV 96.9 MI Grand Rapids  
2144 WLJE 105.5 IN Valparaiso  
2145 WOOD 105.7 MI Grand Rapids

4/21 tr (1981 at Bronx, NY)  
0935 WAYV 95.1 NJ Atlantic City  
7/5 Es  
1925 KEZQ 94.1 AR Little Rock, "KQ-94"  
1957 KHLS 96.1 AR Blytheville,  
AR Radio Network news

73, Robert

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## NORTHERN FM DX

AUGUST 1981

Neil G. Zank - 623 Lyncrest Dr. - Lincoln, NE 68510

Receiver - Pioneer SX-750, Antenna - Archer 10 element Yagi with rotor at 45 feet.

My first E-skip sessions of this season were discovered on 6/25 and 6/26. These were welcome additions to my log.

6/25 Es	1240 WESC	92.5 SC Greenville	6/25 Es	2030 WBGO	88.3 NJ Newark
1245 WBAG	93.9 NC Burlington	2045 WPNT	92.9 PA Pittsburgh		
1250 WXRC	95.7 NC Hickory	2100 WRCV	92.1 PA Mercersburg-Upton		
1257 WYYD	96.1 NC Charlotte	2100 WCTV	92.1 PA Palmyra		
1305 WVWR	89.1 VA Roanoke	2105 WRSU	88.7 NJ New Brunswick		
1310 WCAK	92.7 KY Catlettsburg	2125 WYZZ	92.9 PA Wilkes-Barre		
1340 KUDO	93.1 NV Las Vegas	6/26 Es			
1735 WGTS	91.9 MD Takoma Park	1240 WYVZ	92.5 CT Waterbury-Hartford		
1755 WLVE	96.1 PA Easton	1247 WLEZ	92.7 NY Elmira		
1800 WQXR	96.3 NY New York	1255 WFXZ	92.9 NY Buffalo		

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Richard E. Wood, Ph.D. - 1922 Rampart St. - Cape Girardeau, MO 63701

6/18 Es	1937 WMTI	93.1 FL Miami, c, still at 2020	960
	1938 WCMQ	92.1 FL Hialeah, Spanish r, still at 2030	960
	1938 WWL	93.9 FL Miami, "Love-94-FM," r, still at 2040	960
	1958 WFTN	92.5 FL Key West, m, "WFTN-FM 92.5," nice to hear a real straight ID, nx	1000
	2004 WNGS	92.1 FL West Palm Beach, m presentation of k melodies, over/under WCMQ	930
	2021 WWUS	93.5 FL Big Pine Key, r, "US-1," "The FL Keys' radio station, US-1"	1000
	2023 WNGI	93.5 FL Naples, steakhouse ad	940
	2024 WINZ	94.9 FL Miami, ID as "I-95," Dade Co. ads	960
	2034 WJIA	97.3 FL Miami, \$ r, not enough to report	960
MS	2153 KRCS	93.1 SD Sturgis, "KRCS in Sturgis" ID, previously by Es	875
6/19 tr	1400 KZIG	89.9 AR Cave City, newish station, ID, r then, but is variety--m and drama also noted	145
Es	1608 unID	93.1 ?? m, possibly WMGX Portland ME per source of TV Es then	
6/26 Es	1242 CFTI	92.1 ON Timmins, k, many IDs as "CFTI, FM-92," not too loud; Sault Ste. Marie ON Chan. 2 then in; only FM logging this Es opening	910
7/4 Es	1905 WLNG	92.1 NY Sag Harbor, hard r; note similarity to 6/26 opening; only one catch, on 92.1	800
7/5 Es	1839 WIFJ	92.5 PA Philadelphia, r, "WIFJ" jingle, new state	880
	1840 KBLJ	92.1 CO La Junta, rancheras, all SS but EE ID, "Estéreo Noventidós"	
	1846 KBUF	97.3 KS Garden City, nx, wx, pressure 30.04, k	750
	1851 KWLS	93.1 KS Pratt, ID "KWLS," contest to win Coke, \$, my shortest Es to date	600
	1852 KSPZ	92.9 CO Colorado Springs, "Z-93," r, \$	900
	1858 KZZX	99.5 NM Albuquerque, "99-FM, KZZX," hard r	980
	1902 WSOX	94.9 MA West Yarmouth, state nx, temp. 70°	1025
	1904 WJFD	97.3 MA Fall River, Portuguese nx	1000
	1907 WJLK	94.3 NJ Asbury Park, public service show on NJ road maintenance	820
	1915 KRDO	95.1 CO Colorado Springs, promo "KRDO nx 13," k, \$, "KRDO FM-95"	900
	1918 KMKY	92.1 CO Castle Rock, small-town ads, m	900
	1922 KSPZ	92.9 CO Colorado Springs, r, \$, ID 2000	900
	1923 KVRH	92.1 CO Salida, s/off! SSB, list AM, FM, appeared to go off 1925; early Sun. evening s/off	960
	1930 KKFM	96.5 CO Colorado Springs, ABC-FM Radio nx, ID "96 KKFM," into r	900
	1940 KILQ	93.9 CO Colorado Springs, female DJ, r, "KILQ" ID as one word	900
	1944 WYNY	97.1 NY New York, "97-WYNY" jingle, travel ad, my # 1 NYC catch, o/u KSCF-MO	850
	1953 KQIX	93.1 CO Grand Junction, "Q-FM," r, loud \$	1040
	2000 KCRJ	95.9 AZ Cottonwood, nx, temp. 99°, "KCRJ-96," "FM-96," k	1220
	2008 KFLG	92.9 AZ Flagstaff, "FM-93," pr, o/u KSPZ CO	1240

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Richard Reese - 421 Marion St. - Jersey Shore, PA 17740

Equipment: Panasonic RF-1150 w/whip.

6/18 Es  
2000 WPCS 89.3 FL Pensacola, g  
2001 WMEZ 94.1 FL Pensacola, ad  
2003 WDOQ 101.9 FL Daytona Beach, r  
2007 WAMU 97.3 GA Savannah, ad  
2009 WOVW 107.3 FL Pensacola, "Wow," r  
2013 WJLQ 100.7 FL Pensacola, r  
2017 WJAD 97.3 GA Bainbridge, ad  
2023 WJIZ 96.3 GA Albany, ad  
2030 WHIL 91.3 AL Mobile, ID  
2030 WMTN 93.9 GA Moultrie, ID  
2042 WBLX 92.9 AL Mobile, pr  
2046 WONE 98.1 FL Panama City, ad  
2050 WUVF 88.1 FL Pensacola, town

6/19 Es  
1712 KCKN 94.1 KS Kansas City, k  
1715 KCEZ 94.9 MO Kansas City, m  
1717 KYEZ 93.7 KS Salina, ad  
1720 KDVV 100.3 KS Topeka, wx  
1723 KJCK 94.5 KS Junction City, wx  
1724 WLBW 97.3 KS Topeka, r  
2015 KZZQ 94.3 LA Galliano, ad  
2016 WQUE 93.3 LA New Orleans, r  
2032 KSMB 94.5 LA Lafayette, ID  
2113 KXKC 96.1 OK Oklahoma City, r

6/23 Es  
1810 KSJR 90.1 MN Collegeville, nx  
1815 CBTP 89.5 NF Portland Creek, CBC  
1823 CBTB 97.1 NF Baie Verte, CBC

6/24 Es  
1106 WBCN 91.7 AL Decatur, g  
1127 WKSJ 94.9 AL Mobile, ad  
1129 WPCS 89.3 FL Pensacola, g  
1130 WHIL 91.3 AL Mobile, nx  
1133 WBLX 92.9 AL Mobile, pr  
1138 WQVE 93.3 LA New Orleans, r  
1219 KUCA 91.5 AR Conway, ID  
1221 KROK 94.5 LA Shreveport, r  
1221 KMBQ 93.7 LA Shreveport, r  
1228 KKAJ 95.7 OK Ardmore, k  
1237 WTYX 94.7 MS Jackson, r  
1237 KTDY 99.9 LA Lafayette, "Today Radio"  
1239 WJMI 99.7 MS Jackson, pr  
1336 KSNS 96.1 LA Lake Charles, k  
1358 KWJS 94.9 TX Arlington, g

6/25 Es  
1829 KNUW 99.1 KS Wichita, ID  
1830 WKKI 93.3 MO Kansas City, g  
1835 KANU 91.5 KS Lawrence, c  
1836 KSWT 107.7 KS Topeka, m  
1837 WVBW 97.3 KS Topeka, r  
1838 KSAS 106.5 MO Liberty, ID  
1840 KTFK 106.9 KS Topeka, k  
1850 KFDI 101.3 KS Wichita, r  
1852 KRGJ 96.5 NE Grand Island, ID  
1857 KFMQ 101.9 NE Lincoln, ID  
1900 KESY 104.5 NE Omaha, ID  
1900 KYNM 94.1 NE Omaha, r  
1902 KTNJ 98.5 MO Farmington, town  
1904 KGOR 99.9 NE Omaha, r  
1905 KEZO 92.3 NE Omaha, m  
1906 KROA 95.7 NE Grand Island, g  
1930 KHCC 90.1 KS Hutchinson, c  
1930-1955 lull  
2006 KMGK 93.3 IA Des Moines, r  
2035 KSSN 95.7 AR Little Rock, k  
2039 KJCK 94.5 KS Junction City, town ID

6/25 Es  
2040-2120 lull  
2123 KWLS 93.1 KS Pratt, k  
2125 KKKX 95.7 KS Ottawa, r, "96-X"  
2133 KSKG 99.9 KS Salina, r  
2137 KNBR 99.7 MO Kansas City, r  
2137 KCGT 95.1 KS Wichita, r, "T-95"  
2142 KKRD 107.3 KS Wichita, r  
2144 KOEJ 92.3 KS Newton, m  
2151 KUDL 98.1 KS Kansas City, m  
2201 KYTS 102.1 MO Kansas City, r  
2204 KPBS 103.3 MO Kansas City, pr  
2204 KJJC 88.5 MO Kansas City, g  
2206 KLER 105.9 KS Lawrence, ad  
2208 KRES 104.7 MO Moberly, k  
2208 KNUF TV 7 at 2201  
2225 KDVV 100.3 KS Topeka, ad

6/26 Es  
1030 KEVS 88.1 LA Lafayette, ID  
1042 WNO 89.9 LA New Orleans  
1043 WPCS 89.3 FL Pensacola, g  
1102 KYKR 93.3 TX Port Arthur, k  
1103 WQUE 93.3 LA New Orleans, r, "Q-93"  
1110 WKCK 99.5 AL Birmingham, The Rock  
1112 WNSL 100.3 MS Laurel, ad  
1114 KQKT 95.3 LA Bayou Vista, k  
1117 WHMD 107.1 LA Hammond, r  
1120 WWOZ 90.3 LA New Orleans, c  
1144 KKAJ 95.7 OK Ardmore, k  
1147 KESS 93.9 TX Fort Worth, SS  
1150 KNOX 107.5 TX Fort Worth, pr  
1153 KISR 93.7 AR Fort Smith, k, "Kisser-93"  
1155 KWJS 94.9 TX Arlington, g  
1158 KPLX 99.5 TX Fort Worth, r  
1159 KMEZ 100.3 TX Dallas, ad  
1200 KEGJ 97.1 TX Fort Worth, "Eagle," r  
1202 KECB 94.7 OK Oklahoma City, nx  
1205 KRAV 96.5 OK Tulsa, ID  
1207 KQTE 105.9 OK Hobart, "KQ"  
1208 KREN 99.5 OK Henryetta, ID  
1215 KKNQ 92.5 OK Oklahoma City, m  
1222 KATT 100.5 OK Oklahoma City, r, "Cat"  
1223 KINB 107.3 OK Poteau, ID  
1225 KLAJ 101.5 OK Lawton, "K-Law"  
1226 KTCB 99.9 AR Fort Smith, k  
1231 KWEY 97.3 OK Weatherford, k  
1235 KBUZ 106.5 KS Arkansas City, r  
1238 KCSG 90.1 OK Edmond, c  
1240 KOSU 91.7 OK Stillwater  
1242 KOFM 104.1 OK Oklahoma City, ID  
1244 KOFM 107.7 OK Oklahoma City, pr  
1244 KLTE 101.9 OK Oklahoma City, r  
1246 KLNK 98.9 OK Oklahoma City, r  
1248 KMBJ 96.9 KS Pittsburgh, ID  
1249 KNID 96.9 OK Enid, k  
1250 KBFL 90.3 MO Buffalo, ID  
1254 KSKU 102.1 KS Hutchinson, ID  
1257 KSKG 99.9 KS Salina, nx  
1258 KDSA 91.1 KS Wichita, ment. Topeka  
1259 KTTL 93.9 KS Dodge City, ID  
1302 KSWT 107.7 KS Topeka, m  
1304 KWLS 93.1 KS Pratt, nx  
1305 KJCK 94.5 KS Junction City, nx  
1307 KKRD 107.3 KS Wichita, nx  
1307 KTFK 106.9 KS Topeka, ID  
1309 KJJC 88.5 MO Kansas City, nx  
1310 KXTR 96.5 MO Kansas City, c

- Continued -

6/26 Es  
1312 KWKI 93.3 MO Kansas City, g  
1318 KRFG 93.5 MO Greenfield, wx  
1329 KMGH 93.3 IA Des Moines, r  
1332 KEZH 93.5 NE Hastings, m, "EZ-93"  
1340 KUCV 90.9 NE Lincoln, stocks  
1345 KGRH 96.5 NE Grand Island, nx  
1350 KNEN 94.7 NE Norfolk, ID  
1353 KIOS 91.5 NE Omaha, c  
1358 KTFP 91.1 IA Fort Dodge, nx  
1358 KUSD 97.1 SD Vermillion, ID  
1404 KDCR 91.3 IA Sioux Center, town  
1813 KYND 92.5 TX Pasadena, ID

6/28 Es  
2140 CKOZ 92.3 NF Corner Brook, r  
2140 CHNZ 93.9 NF St. Johns, r  
2145 CBNN 90.3 NF Marystown, CBC  
2150 CHOS 95.9 NF Ratliff Brook, r  
2202 CIOO 100.1 NS Halifax, r, "C-100"

This Es season is turning out far better than I expected. The Es openings the last half of June were excellent, including one opening that reached TV 7 on 6/25. No tropo of importance noted except on TV. I hope July brings at least one good opening. Hope this DX season is great for everyone. Log total stands at 666. 34 states + DC and 4 Canadian provinces.

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Michael L. Hogan - 13910 Chippewa Ave. Apt. #1 - Burnham, IL 60633  
Equipment: GE Superadio, Panasonic RF-1115; No outdoor antennae.

DX has been quite slow here the first half of 1981. Only two new stations have been logged bringing my total to 297.

1/25 tr 1200 WXJY 98.3 WI Menomonee Falls 6/25 Es 1350 KUVR 91.9 WY Laramie

Local WYCA 92.3 has been playing havoc with my attempts at FM DX. WYCA has a tendency to show up anywhere between 88.1 to 94.9. Attempts to null out stations in the local area only produce a WYCA harmonic. I've recently purchased a trap specifically cut for 92.3; hopefully some good results will be produced. Until then, FM DX will be nearly unlikely. 73's and don't forget to support WTFDA through reporting to columns and buying supplies.

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David J. Nieman - 12284 Nice Road RR 3 - Akron, NY 14001  
Equipment: Sansui G-8000, Winegard antenna with rotor at 27 ft.

Wouldn't you know it, the E-skip came up the day after my antenna came down. I had to use the omnidirectional one in the attic. I have my antenna back up but lost eight feet of height. With the antenna lower, I have less interference from the locals and still get excellent DX reception. We have a new station in the area. It's country music WCKR 92.1 Hornell, NY. They came on June 15 with 3000 ERP, but a minus 40 foot antenna height above average terrain. And now my report. New underlined.

5/25 MS  
1255 WKQX 101.1 IL Chicago  
5/29 tr  
0110 CECM 107.5 ON Penetanguishene  
5/27 Es  
1030 KGNZ 88.1 TX Abilene  
6/8 tr  
1045 WKZZ 106.7 PA Elizabethtown  
6/15 tr  
0940 WZZO 95.1 PA Bethlehem

Could a member help ID a meteor burst on 101.1? I heard rock music and "KB-101." Antenna was WNW.

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# WKHR 88.3

## Listen To Kenston High School Radio

### NEWS ON THE HOUR • WKHR MUSIC • SPECIAL PROGRAMS EVERY HALF HOUR



AUGUST 1981

John N. Ramsey - 22 Waterside Lane - West Hartford, CT 06107  
Equipment: Kenwood KT-8300 tuner, 10 element Radio Shack yagi up 30 feet.

Very good Es opening the evening of July 5th. The 50 MHz 6 meter ham band was open all afternoon, and when I started hearing stations in the 400 to 800 mile range around 1800, I realized that the MUF was beginning to rise. The MUF reached the FM BCB around 1815, with a "duct" to Florida. The following stations were logged.

7/5 Es 1815 WVFM 94.1 FL Lakeland  
1819 WPCS 89.3 FL Pensacola, (over local WFTC)  
1825 WMEZ 94.1 FL Pensacola...and other FL stations too numerous  
1855 WBLX 92.9 AL Mobile to mention.  
1900 WCKW 92.3 LA La Place

At approx. 1830, I started hearing aircraft beacons on 108 MHz, and noticed FM BCB stations in the 200 mile area increasing in strength, a sure sign the MUF is still climbing. A check of the 144 MHz 2 meter ham band netted me two way sideband contacts with 3 TN and 1 AR station. I don't believe the MUF got too much above 144 MHz; there was no evidence of skip on TV channel 8. This was only the second time in a year I've seen the MUF get up to 144 MHz, so I spent most of my time on the ham radio, to the neglect of my FM BCB totals. So there you have it, my first report since joining two months ago. Will report as often as possible. Good DX, John

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Bob Zent - 1835 Fruit St. - Huntington, IN 46750

6/9 tr	2154 WCBU 89.9 IL Peoria, city council	225	6/17 tr	2302 WREK 91.1 GA Atlanta	510
2154 WFLM 103.9 IN Crown Point, o/WXKE	110	2356 WLRH 89.3 AL Huntsville, s/off	445		
2201 WLMT 105.5 IL Wilmington,	140	6/18 tr			
"The Live 105," o/WDKB		0000 WDJC 92.7 AL Birmingham	535		
6/17 tr	2250 WOKI 100.3 TN Oak Ridge	355	0615 WUTC 88.1 TN Chattanooga	415	
2255 WVEE 103.3 GA Atlanta, o/WXTZ	510	0615 WMBW 88.9 TN Chattanooga	415		
2255 WABT 90.1 GA Atlanta, o/WIAN	510	0646 unID 104.1 ?? (WLBC off)	???		
Many thanks to Ralph Strobel for helping me identify some of these stations. Does anyone know of a station on 104.1 in TN, MS, AR or AL with a country music format? I can't find it in FM Atlas. This is the only one I haven't been able to identify.		0648 WZYP 104.3 AL Athens-Huntsville	445		
		73, Bob			

+ + + + +

Harry Hayes - 9 Henry St. - Wilkes-Barre, PA 18702

Equipment: Finco FM-4G Antenna, CM Amp., GE Superadio, Zenith T-O.

6/6 tr	1213 WHOM 94.9 NH Mount Washington, ID	320	6/25 Es	2221 KYEZt 93.7 KS Salina, ment. Salina, k	
6/7 GW	1129 WICB 91.7 NY Ithaca, "ICB-FM"	90	7/4 tr	0449 WSLT 106.3 NJ Ocean City, EL	140
6/18 Es	2012 WKSJ 94.9 AL Mobile, k		1030 WSNE 93.3 MA Taunton, new calls	250	
2019 WGCV 93.5 FL Port St. Joe, IDs		1129 WLRN 91.3 FL Miami, ID			
2020 WQID 93.7 MS Biloxi, r		1130 WQYK 99.5 FL St. Petersburg, k, ID			
6/20 GW	2300 WDRE 99.3 NY Ellenville, ex-WELV	90	1135 WOKF 95.7 FL Clearwater, "96-Kicks"		
6/20 tr	2313 WHGC 94.3 VT Bennington, fadey,	170	1145 WTVY 95.5 AL Dothan, k countdown		
VT, MA nx, IDs, MoR		1200 unID 88.1 ?? NPR "Options"			
6/25 Es	1851 WIBW 97.3 KS Topeka		1945 KVTI 91.7 TX Dallas, religion		
2148 KSKGt 99.9 KS Salina, "99-KG" ID		1950 KSYN 92.5 MO Joplin			
(Time is EDT)		1953 KRFG 93.5 MO Greenfield, r, ID			
		1954 KWJS 94.9 TX Arlington, ID			
		7/5 Es			
		0001 KESD 88.3 SD Brookings			

There is nothing much to say about the skip season so far except that it is the poorest one that I've experienced in my 11 years at this band. No tropes of significance either, which is odd since it is such a warm summer here. At the moment of this writing, there is SW skip on Chs. 2, 3 and 5, so maybe it will produce something for next months report. I hope to see everybody in OKC. Harry

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AUGUST 1981

Alan L. Michalek - 227 Redlands St. - Springfield, MA 01104  
Equipment: Panasonic RF-2900

6/19 tr	0700 WFPG 96.9 NJ Atlantic City, ID	6/19 tr	0830 WUSL 98.9 PA Philadelphia, "FM-99"
0705 WJMG 103.7 NJ Atlantic City, "Rock-104"	2150 WWHB 107.1 NY Hampton Bays, "HB-107"		
0710 WJRE 100.1 NJ Manahawkin, ID	6/25 Es		
0730 WVIP 106.3 NY Mt. Kisco, ID	1850 KJCK 94.5 KS Junction City, ads		
0735 WRFM 105.1 NY New York, ID	1855 KSKG 99.9 KS Salina, ads		
0740 WTFM 103.5 NY Lake Success, ID, "TFM"	2215 KICT 95.1 KS Wichita, ads		
0743 WNEW 102.7 NY New York, ID	6/26 Es		
0745 WPIX 101.9 NY New York, ID	1040 WEZBt 97.1 LA New Orleans, "B-97"		
0747 WKIX 101.5 NJ Trenton, ad, "Kicks-101.5"	6/28 Es		
0752 WBAI 99.5 NY New York, ID	1710 WTWE 92.1 SC Manning, ID		
0810 WKHK 106.7 NY New York, ID	7/2 tr		
0820 WBLB 107.5 NY New York, ID	2030 WFST 97.5 NJ Trenton, ID		

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Fred McCormack - Box 5221 - State University Sta. - Fargo, ND 58105

Equipment: Heath AJ-1600 tuner, Winegard CH-6065 at Des Lacs,  
Winegard CH-7078 at Fargo, (GDT)

DX is from the Fargo QTH with the exception of that marked with an asterisk which is from my Des Lacs QTH.

5/23 Es*2017 KFLG 92.9 AZ Flagstaff	6/24 Es	2309 KMTW 96.5 ID Twin Falls
*2028 KCRJ 95.9 AZ Cottonwood	2312 KUDO 93.1 NV Las Vegas	
*2047 KETRA 91.1 BCN Tijuana	6/25 Es	2025 WROQ 95.1 NC Charlotte
*2127 KTNM 92.7 NM Tucumcari	2034 WHAJ 104.5 WV Bluefield	
*2133 KBIG 104.3 CA Los Angeles	2056 WJLE 101.7 TN Smithville	
*2134 KWST 105.9 CA Los Angeles	2058 WKYU 88.9 KY Bowling Green	
*2135 KJLH 102.3 CA Compton	2105 WYER 94.9 IL Mount Carmel	
*2145 KHAY 100.7 CA Ventura	2107 WITZ 104.7 IN Jasper	
*2145 KAGY 104.7 CA Oxnard	2108 WDCG 105.1 NC Durham	
*2151 KSET 97.7 TX El Paso	2121 WKNC 88.1 NC Raleigh	
*2210 KQOZ 93.3 CA San Luis Obispo	2127 WRNS 95.1 NC Kingston	
*2237 KBAT 93.3 TX Midland	2128 WSRQ 94.5 NC Eden	
5/28 Es 2030 KELT 94.5 TX Harlingen	2129 WLYN 94.1 NC Lexington	
5/29 Es 1005 KANW 89.1 NM Albuquerque	1022 WBDY 106.3 WV Bluefield	
1042 KNIS 94.7 NV Carson City	1132 WJCT 89.9 FL Jacksonville	
1108 KEZJ 95.7 ID Twin Falls	1144 WXTG 96.9 SC Charleston	
6/5 Es*2035 WWOZ 90.7 LA New Orleans	1144 WUCG 90.5 GA Athens	
6/8 Es*0015-0114 unID English & French	1151 WPCS 106.7 SC Orangeburg	
relays from N. ON and PQ, as high as 105.1	1156 WBCY 107.9 NC Charlotte	
2234 unIDs from MD, etc.	1158 WEZL 103.5 SC Charleston	
6/21 Es 1359 WMEZ 94.1 FL Pensacola	1159 WMIT 106.9 NC Black Mountain	
6/24 Es 2304 KSUB 92.5 UT Cedar City	1223 WLCT 107.1 NC Southport	
(New stations are underlined)	1238 WKDE 105.5 VA Altavista	

It was very frustrating listening to those CBC relays on the 8th and not being able to identify any of them. Some of them didn't fit any of the listings in the latest FM Atlas. A few of them had such poor audio that I believe I may have been the only one listening to them that night. Fred

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John Ebeling - 9209 Vincent Ave. So. - Bloomington, MN 55431 - 612-888-0816

This has sure started out to be a "bummer" Es season up until the middle of June. I was thinking back on all the years I've been spinning the dials and I can not recall a worse year than this since I started DXing in Duluth in 1948. Several times Es was noticeable on TV Ch. 2 & 3, but it never made it to the FM band. I spent 17 days in Europe during the last part of May and, from what I gather, I didn't miss a thing as far as Es goes in the north central US.

June 25 turned out to be back to normal for the Es season. The band was loaded with solid skip from the southeast part of the country. Managed to sneak out of a few hours of work to go home and do some DXing, thanks to a tip from my loving wife who called me to say the lower TV channels were wild with skip.

Will get on to the loggings. Stations on the following page were all logged at my Bloomington, MN location. Times are CDT, with new underlined.

- Continued -

6/8 Es  
1300 WQSU 88.9 PA Selingsgrove  
6/18 Es  
1922 WSTS 96.5 NC Laurinburg, ID, ads  
"Family Radio"  
1957 WSHA 88.9 NC Raleigh  
1959 WLXN 94.1 NC Lexington  
2004 WRJA 88.1 SC Sumter, music on SCA  
2035 KSET 94.7 TX El Paso, ads & ID  
6/19 Es  
1605 KBYU 88.9 UT Provo, talk on SCA  
6/19 tr  
1615 KSDN 94.1 SD Aberdeen  
6/21 Es  
1352 WQXM 97.9 FL Clearwater, r  
1400 WLWV 94.9 FL Tallahassee,  
"Love FM-95," No legal ID on hr.  
1410 WMFQ 92.7 FL Ocala  
1429 WFSU 91.5 FL Tallahassee  
1433 WKGC 90.7 FL Panama City  
1442 WLWI 92.3 AL Montgomery, "I-92" A nx  
1447 WKLE 94.3 AL Abbeville, "94-FM"  
1459 WPRI 97.7 AL Auburn-Opelika,  
low power-860w at 100 ft. per FM Atlas  
1500 WLHQ 96.9 AL Enterprise, r  
1505 WQEZ 96.5 AL Birmingham, "EZ-FM"  
1506 WTVY 95.5 AL Dothan, k, CBS nx  
1510 WBGM 98.9 FL Tallahassee, k,  
"FM-99," music on SCA  
1514 WJYW 100.7 FL Tampa, MoR,  
"101-FM," "JOY-FM"  
1539 WKLS 96.1 GA Atlanta, "96-rock"  
1542 WKTZ 96.1 FL Jacksonville, MoR  
1544 WJIZ 96.3 GA Albany, local  
baseball game  
1545 WQXI 94.1 GA Smyrna-Atlanta, r, "94-Q"  
1551 WZGC 92.9 GA Atlanta, r, "Z-93"  
6/25 Es  
1110 WQUE 93.3 LA New Orleans, mx on SCA  
1115 WGEA 93.5 AL Geneva, "Big G"  
So much for a busy day at the dials of my two receivers and associated tape recorder. I thought that the skip was over for the day, so made plans to head north to the cabin at Prosit, MN near Duluth, as I had a day of vacation in the offing.

In travelling north between Minneapolis-St. Paul and Duluth the evening of June 25, the following DX was noted on the car radio: (Time was between 6-7 pm, CDT).

6/25 Es  
WSSX 95.1 SC Charleston  
WGMB 98.7 SC Georgetown, r  
There were numerous other stations also in at the time, but could get no ID's on them. The car radio dial leaves a lot to be desired as far as being able to pin down a freq.

After making the above trip, the next day at Prosit, MN cabin proved to be another good day for Es, as the results below indicate. Equipment used: Heath AJ-15 tuner and 5-element FM antenna in the attic, about nine feet above ground and rotated by hand (by climbing up to the attic). All times are CDT, with new to Prosit underlined.

6/26 Es  
1000 WSGF 95.5 GA Savannah, r, "95-SGF"  
1016 WPAP 92.5 FL Panama City  
1030 WDAF 95.3 GA McRae  
1034 WFDR 93.3 GA Manchester  
1045 WKTZ 96.1 FL Jacksonville, MoR  
1100 WTHO 101.7 GA Thompson  
1105 WDIY 102.3 GA Buford,  
(No mention of WGCC call)  
1106 WZAT 102.1 GA Savannah  
1107 WIVK 107.7 TN Knoxville  
1110 WANS 107.3 SC Anderson  
1116 WCOS 97.9 SC Columbia, r  
1120 WJCL 96.5 GA Savannah, MoR, mx on SCA  
1225 WAEV 97.3 GA Savannah, r  
28. to have more next month if the layers cooperate. That is it for now. 73, John

6/25 Es  
1116 WTVY 95.5 AL Dothan  
1125 WYNK 101.5 LA Baton Rouge  
1126 WWCW 101.7 GA Albany  
1129 WRES 105.7 AL Troy  
1133 WRF5 106.1 AL Alexander City  
1135 WFMH 101.1 AL Cullman, g  
1137 WFMF 102.5 LA Baton Rouge  
1140 WQEN 103.7 AL Gadsden, r, "Q-104"  
1145 WZTP 104.3 AL Athens  
1145 WKMX 106.7 AL Enterprise, r, "KMX"  
1146 KFTV 107.1 LA Ferriday  
1147 WENN 107.7 AL Birmingham, + SCA  
1147 WKXX 106.9 AL Birmingham, "Kicks-106"  
1148 WGUU 106.3 MS Pascagoula-Moss Point, k  
1150 KKKZ 107.5 LA Ruston, "FM-108"  
1153 WHRY 101.9 AL Montgomery  
1159 WPKX 101.5 FL Pensacola  
1200 KNOE 101.9 LA Monroe  
1201 WQXY 100.7 LA Baton Rouge  
1202 WTSU 89.9 AL Troy  
1205 KTRY 94.3 LA Bastrop  
1206 WRJH 97.7 MS Brandon, g  
1208 WWBW 102.5 AL Jasper  
1230 KID 96.1 ID Idaho Falls  
1607 KYA 93.3 MT Billings, "Y-93"  
1610 KDTX 93.3 MT Missoula  
1615 WLXN 94.1 NC Lexington, music on SCA  
1625 WBAG 93.9 NC Burlington, r  
1632 WFLO 95.7 VA Farmville, ph. #547-7414  
1635 WFO5 90.5 VA Cheseapeake,  
severe thunderstorm watch  
1640 WMZQ 98.7 DC Washington  
1641 WQZQ 92.1 NC Moyock  
1644 WFOG 92.9 VA Suffolk-Norfolk  
1650 WBCI 96.5 VA Williamsburg  
1700 WHRO 89.5 VA Norfolk  
1701 WYGS 91.5 VA Yorktown  
1702 WKEZ 95.7 VA Norfolk  
1800 WUNC 91.5 NC Chapel Hill

6/26 Es  
1126 WYIK 96.1 NC Shelby, r  
1128 WLOS 99.9 NC Asheville, MoR  
1130 WQLO 98.7 SC Beaufort, ex-WBEU  
1131 WDKD 98.3 SC Kingstree,  
(WTKT call not given-only WDKD)  
1140 WYAK 103.1 SC Surfside Beach-Garden C.  
1155 WNDM 101.3 SC Sumter, music on SCA  
1156 WQUT 101.5 TN Johnson City  
1157 WPCM 101.1 NC Burlington  
1200 WBRK 99.5 WV Beckley, g, mx on SCA  
1203 WRAL 101.5 NC Raleigh  
1205 WWHO 102.1 NC Reidsville  
1209 WKTC 104.3 NC Tarboro, k  
1210 WAZZ 101.9 NC New Bern

Patrick Durkin, Jr. - 8829 W. Orchard St. - West Allis, WI 53214  
Equipment: Pioneer SX-850 stereo receiver, Winegard CH-6065 Yagi FM antenna,  
w/rotor at 30 ft.

6/24 tr  
2200 KFMH 99.7 IA Muscatine, r 190  
6/25 Es  
(Fantastic Es opening!)  
1232 KQXY 94.1 TX Beaumont, m 960  
1236 KBIT 92.9 TX Wichita Falls, k 840  
1245 KLUU 99.9 TX Wichita Falls 840  
1248 KQOT 104.7 TX Lamesa, r 1035  
1251 KATT 100.5 OK Oklahoma City, p 725  
1252 KKLK 97.7 OK Edmond, k 710  
1257 KISS 99.5 TX San Antonio, r 1105  
1259 KCBI 89.3 TX Dallas 855  
1300 KTKT 88.1 TX Lubbock, r 985  
1303 KJAK 92.7 TX Slaton, g 985  
1310 KZEW 97.9 TX Dallas, r 855  
1311 KZZX 99.5 NM Albuquerque, r 1120  
1312 KPLX 99.5 TX Fort Worth, k 870  
1314 KTEZ 101.1 TX Lubbock, m 985  
1317 KLLI 96.3 TX Lubbock, k 985  
1319 KBIM 94.9 NM Roswell 1105  
1322 KESS 93.9 TX Fort Worth, SS 870  
1328 KGNZ 88.1 TX Abilene 970  
1331 KENW 89.5 NM Portales, m 1015  
1340-1400 lull, opening shifts  
from SW to W  
1402 KGNU 88.5 CO Boulder 900  
1407 KWDE 96.1 CO Montrose, k 1070  
1414 KSID 95.3 NE Sidney, m 760  
1420 KUIN 92.7 UT Vernal, k 1105  
1430-1505 lull  
1507 KZAN 97.9 UT Ogden, k 1215  
1515 KCWC 88.1 WY Riverton, r 1015  
1518 KFAH 92.1 NE Alliance 730  
1528 K??? 97.9 WY Cheyenne, ex-KFBC 860  
1537 KIDK 98.5 MT Billings 1020  
1542 KCFR 90.1 CO Denver, c 895  
1547 KMOR 92.9 NE Scottsbluff 790  
1559 KYYZ 96.1 ND Williston, 825  
r, ex-KLAN  
1600 KOPR 94.1 MT Butte, m 1210  
1605 KMMR 100.1 MT Malta 1015  
1606 KZIN 96.3 MT Shelby 1195  
1609 KQUY 95.5 MT Butte 1210  
1610 KROE 94.9 WY Sheridan 935  
1615 KYBS 97.5 MT Livingston 1110  
1624 KPOX 92.5 MT Havre 1110  
1626 KYYY 92.9 ND Bismarck 670  
1633 CJGL 94.1 SA Swift Current, r 1060  
1641 CEBK 97.7 SA Regina 935  
1654 CFMQ 92.1 SA Regina 935  
1700 KIZZ 93.7 ND Minot 730  
1705 CBWV 97.9 MB Brandon, (CBW-AM) 730  
1714 CEBK 96.9 SA Regina, c 935  
1755 WFOG 92.9 VA Suffolk, m 740  
1757 WAMU 88.5 DC Washington, 640  
prev. via tropo  
6/26 tr  
1118 WGFA 94.1 IL Watseka 160  
6/26 Es  
1124 WBXL 92.9 AL Mobile, RKO net. 850  
1130 WFUZ 93.7 FL Ocala 1015  
1143 WZEZ 92.9 TN Nashville, m 485  
1144 WLWI 92.3 AL Montgomery 750  
(Present Log Totals: 411)  
This is my first report to the Northern FM-DX column, although I've been a WTFDA member since last September and have been seriously DX'ing the FM band since 1978. The fact is that there has been very little DX on FM to report since September, that is, until recently.

Although there have been few decent tropo or Es openings here lately, these openings were excellent! The tropo opening of 6/18 was superb, although I was only able to log 3 new stations. Most of the relogs were stations I hadn't heard since last summer, when tropo conditions were excellent. I was shocked when I heard WMBW identify. But even that opening cannot overshadow the Es on 6/25. The opening lasted on FM for more than 5 hours (and more than 12 hours on TV). The MUF went as high as 104.7 MHz, but stayed at 101 MHz for most of the opening. I was able to log 45 new stations and add 8 new states and 2 new Canadian provinces on that day alone. Some of the signals were so strong they nearly pinned the needle on the signal strength meter on my receiver!

Although this is my first report, it is also my last from this location. In July I'll be moving to the Minneapolis/St. Paul area, where I'll be living in an apartment, and, unfortunately, probably won't be able to put up an outdoor antenna for FM (or TV) DX-ing. I may buy a Beam Box or some other indoor antenna in order to DX.

Until next time, 73s. Pat Durkin

\* \* \* \* \*

Rich Turcsany - 7 Cayer Circle - Shelton, CT 06484  
Equipment: Technics SA-80 Receiver, SCA Super Snooper.

10/5 tr 5/26 Es  
2230 WAMH 89.3 MA Amherst, j 1900 WNGS 92.1 FL West Palm Beach  
11/12 GW 1902 WTMJ 93.1 FL Miami, c  
2100 WWHB 107.1 NY Hampton Bays, 1905 WKOS 100.3 FL Plantation Key,  
new, r\$, "HB-107" big bands (live)  
11/16 Es (At Stratford, CT) 1906 WLYF 101.5 FL Miami, m  
1000 WDMS 100.7 MS Greenville, ID, 1908 WCKO 102.7 FL Pompano Beach  
"Powerline" pgm. 1910 WSHE 103.5 FL Fort Lauderdale  
1910 WEAT 104.5 FL West Palm Beach  
5/10 tr 1911 WAVV 105.5 FL Vero Beach, k  
0040 WALL 92.7 NY Middletown, r\$ 1913 WENZ 106.7 FL Fort Lauderdale,  
0048 WMDK 92.1 NH Peterborough, \$, big bands (auto)  
"Entertainers" Automation  
0050 WPYX 106.5 NY Albany, rp, weak 1927 WRMB 89.3 FL Boynton Beach, g  
5/22 Es 5/27 Es  
1930 WHIL 91.3 AL Mobile, NPR, 100w mono 0700 WBLX 92.9 AL Mobile  
1936 WPCS 89.3 FL Pensacola, g\$ 0700 WMEZ 94.1 FL Pensacola  
1945 WMEZ 94.1 FL Pensacola, m 0702 WKLS 96.1 GA Atlanta, rp, "96-Rock"  
2000 WKYD 98.1 AL Andalusia, rs 0705 left...missed good opening  
2005 WFDR 93.3 GA Manchester, end M nx, k 5/28 Es  
2015 WJLQ 100.7 FL Pensacola, r, "Q-100" 1945 WMLV 94.5 FL Daytona Beach, c  
5/26 Es 1952 WFLA 93.3 FL Tampa, Schulke, m  
1830 WMCU 89.7 FL Miami, g 1954 WCIE 91.3 FL Lakeland, g  
1830 WINZ 94.9 FL Miami Beach, r, "I-95" 2000 WUSF 89.7 FL Tampa, c  
1835 WHYI 100.7 FL Fort Lauderdale 2002 WMNF 88.5 FL Tampa, mono  
1835 WAXY 105.9 FL Fort Lauderdale 2003 WJCT 89.9 FL Jacksonville, c  
1838 WYOR 105.1 FL Coral Gables, m 2005 WFTZ 93.7 FL Ocala, rm, ID  
1843 WAFG 90.3 FL Fort Lauderdale 2005 WTNF 94.9 FL St. Petersburg  
1845 WLRN 91.3 FL Miami 2007 WKTZ 96.1 FL Jacksonville  
1900 WHRS 90.7 FL Boynton Beach 2007 WRYO 98.5 FL Crystal River  
Although Florida has dominated skip on FM, some new loggings have been made from the Miami area. WMJX 96.3 "96-X" is still off the air, probably to return to the air as a country station. The 5/22 logging of WHIL 91.3, is the first of a 100 watt station under the new FCC power requirements for 10 watt stations. (DXers! Now's your chance to finally log those soon-to-be-former 10 watters by skip!). Be careful DXing Top 40 stations! They are starting to sound like progressive rock stations by commercializing The Doors, The Who, and Led Zeppelin. They are even playing the 7 minute version of "Light My Fire" instead of the 3 minute single version. Some have even gone the route of having commercial free music hours. We may soon have to redefine music formats, hi. This summer, I plan to do some DJ work for WVOF 88.5 Fairfield (I hold an FCC license), which soon will be going to 100 watts. Some of you might hear me via skip if the new xmtr gets installed soon. WLVN 90.1 in Derby is also going to 100 watts and may soon be a station for the handicapped. 73's, Rich

\* \* \* \* \*

THE FINE ARTS STATION OF



Daniel E. Oetting - 2882 Old Cedar Grove Road - Broomall, PA 19008

Equipment: Panasonic RF-2600 w/Archer 10 element log-yagi FM antenna directed to NW at 25 ft., telescoping "whip" antenna, and two tape recorders

This is my first report, as I just became a member of WTFDA. I'm 18 years old, a college student, and have been DXing since I was 7 or 8 years old. Back then, my DX interests were TV, BCB, and SW. In 1975, I became an avid TV and BCB DXer, but as I came in contact with sensitive and selective FM receivers, BCB and SW DX became a mainly winter time hobby. Early 1977 marked the beginning of my FM DXing. Now I'm interested in all aspects of DXing, but FM seems to be occupying most of my DX time.

Broomall is located in Southeastern Pennsylvania, 10 miles west of Philadelphia. I'm located on the highest point here in Delaware county, (Muncie, IN is also in Delaware County-RS) so DX is a considerable plus from the rest of the county. In fact, a DXer located a mile away from me says that DX is "200%" better up here from where he lives, using the same equipment. I'm expecting him to join WTFDA soon, after he gets out of boot camp in the Navy.

I can clearly see the Philadelphia TV and FM transmission towers here, constituting a bit of a problem with RFI, but DX is still very good. I now have 343 FM stations logged here, including 73 Educational band, 57 class A stations (92-108), 85 GW, 165 tropo, and 93 E-skip. I've yet to witness any MS or Au. I have logged FM stations from 26 states, plus Washington D.C., and one Canadian province. I bought and installed a 10-element log-yagi FM antenna early in May, but I was limited to putting the antenna in the attic, pointed NW, so DX wanted from other directions is usually done with my RF-2600's "whip" antenna. I'm very pleased with the Archer 10-element antenna. I've received places I never dreamed about getting with the "whip" antenna.

Some of the most interesting DX catches I've made over the years are the following: Tr - WKXS-FM 107.9 Medford, MS - This station is in a direct path with a closer station on 107.9 in Westport, CT - WDJF; WBEN-FM 102.5 Buffalo, NY travelled nearly 300 miles over Appalachian Mountains (WRFV 102.5 Reading, PA off air); WRNS 95.1 Kinston, NC - 400 miles distant on a regionally congested frequency. I think my best E-skip catch is CJCB-FM 94.9 Sydney, NS - in good, and in stereo for 18 minutes with 675w ERP. Here are my DX reports so far this year. Note the new FM antenna on 5/4. Reports in EST/EDT. New underlined. 1/1-7/3/81.

2/16 tr 5/23 tr  
1035 WRAL 101.5 NC Raleigh 0900 WYVA 94.1 VA Yorktown, (local  
4/4 tr Phila. stations using freq. also)  
1002 WFOS 90.5 VA Chesapeake 0907 WKBX 100.1 NC Edenton  
4/10 tr 0909 WRNS 95.1 NC Kinston  
2200-0000 E. NC & Norfolk, VA FM's in. 0910 WKWI 101.7 VA Kilmarnock  
Norfolk is so strong that the stations that 5/25 tr  
share the same freqs. as the local Philly 0904 WHPC 90.3 NY Garden City  
stations are able to come in, some at good 1040 WHRV 105.7 NY Endicott, comes in  
strength levels. frequently now with new antenna.  
4/13 tr 1155 WELV 103.7 NY Ithaca  
2008 WFCR 88.5 MA Amherst 1330 WSKG 89.3 NY Binghamton  
WAMC 90.3 Albany, NY in good, but no 5/26 tr  
sign of WHHT-FM 89.1 Schenectady, NY 0920 WKSB 102.7 PA Williamsport  
2238 WEZN 99.9 CT Bridgeport 5/26 Es  
2241 WKCI 101.3 CT Hamden 1837 WINZ 94.9 FL Miami Beach  
2301 unID 104.7 semi-cl. WSPK? 1840 WTMJ 93.1 FL Miami  
4/16 GW 1912 WKOS 100.3 FL Plantation  
1744 WFEW 88.1 PA Philadelphia, jse 1954 WSHE 103.5 FL Fort Lauderdale  
Stations transmitter located in W. Phila. 1955 WAXY 105.9 FL Fort Lauderdale  
Programming 0700-0900 & 1800-0000? 1956 WENZ 106.7 FL Fort Lauderdale  
Station often leaves carrier on all night. 1957 WCKO 102.7 FL Pompano Beach, "K-102"  
4/29 tr 1959 WKQS 99.9 FL Boca Raton  
0807 WTR 104.1 MD La Plata 2040 MUF out of FM band.  
5/4 New antenna-Archer 10-element at 25' 5/28 Es  
up to 160 mi. by GW. Antenna directed to 1913-1915 brief 88.5 skip.  
NW. Whip ant. range up to 100 mi. by GW. 1948 WTMJ 93.1 FL Miami  
5/5 tr 1949 WINZ 94.9 FL Miami Beach  
0603 WGBI 101.3 PA Scranton 1949 WMCU 89.7 FL Miami  
5/23 tr 1959 WHRS 90.7 FL Boynton Beach  
0830 All Norfolk, VA Area FM's in over 1kw 1959 WAFG 90.3 FL Fort Lauderdale  
0845 WSVS 104.7 VA Crewe 2000 WCMQ 92.1 FL Hialeah  
0846 WQZQ 92.1 NC Moyock 2005 WDTZ 100.3 FL Orlando  
0859 WOBR 95.3 NC Wanchese 2006 WLRN 91.3 FL Miami

- Continued -

5/28 Es  
2006 unID 95.5  
2007 unID 95.3 Religion  
2027 MUF off FM  
6/7 GW  
1250 WUWH 91.7 PA Allentown, new freq.  
and power for them.

6/8 tr  
0845 WJW 92.1 PA Nanticoke, "MJ-92"

6/17 Es  
1951 WMCU 89.7 FL Miami

6/18 Es  
1239 Miami FL Fm's in again.

1300 MUF off FM

1954 Miami FL back in.

2050 WHIAT 92.1 GA Dawson, heard

weather

2050 WCKW 92.3 LA La Place

2050 WBLX 92.9 AL Mobile

2100 WTSU 89.9 AL Troy

2100 WNO 89.9 LA New Orleans

2101 WHIL 91.3 AL Mobile

2115 MUF off FM

6/18 tr  
2204 WALK 97.3 NY Patchoque

2226 WFCR 88.5 MA Amherst

6/19 tr  
0700 NYC in excellent

0701 WLN 92.1 NY Sag Harbor & WFCR in

0705 WSBH 95.3 NY Southampton

0706 WRCH 100.5 CT New Britain

0709 WEZN 99.9 CT Bridgeport

0722 WIOF 104.1 CT Waterbury

0724 WHCN 105.9 CT Hartford

0740 WAAF 107.3 MA Worcester,

gave phone #, called, no answer.

Calls in from NYC & Auburn NY!

0800 WYD 103.9 NY White Plains -

Phila. using this freq.

0800 WKCI 101.3 CT Hamden

2043 WFCR 88.5 MA Amherst

2100 V. good-excellent N. NJ shore tropo

6/24 Es  
1106 unID 89.3

6/25 tr  
1000 WRAL 101.5 NC Raleigh

NEW RECORD - 24 new stations were received and recorded in a 19 hr. period - 6/25 -

1829 - 6/26 - 1329. This breaks all previous home DX records on AM, FM or TV for this

short period of time. Records go back to 11/9/76. I'm surprised by the little number of

WTFDA members. I thought there would be at least a few thousand. My next FM DX

report in two months. 73s and great DX, Daniel E. Oetting

\*\*\*\*\*

Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Akai AT-704 Tuner w/Winegard antenna and rotor at 60 feet.

6/17 tr  
1943 WUNC 91.5 NC Chapel Hill, c  
2027 WBAG 93.9 NC Burlington, r  
2215 KWPM 93.9 MO West Plains, ad  
2250 KANU 91.5 KS Lawrence, KS nx  
2358 WLRH 89.3 AL Huntsville, s/off

6/18 tr  
0003 WITF 89.5 PA Hershey, s/off

0024 WDJG 93.7 AL Birmingham, g

0259 WZYP 104.3 AL Athens-Huntsville

6/21 Es  
1430 KSUC 88.3 TX Keene, g

1603 KTX 88.1 TX Lubbock, r

6/25 Es  
1829 KGBI 100.7 NE Omaha

(WFMZ off due to severe TS)

1842 KOAK 95.3 IA Red Oak

1845 WZOK 97.5 IL Rockford, WPST off

1900 KDPS 88.1 IA Des Moines

2140 KEZO 92.3 NE Omaha, "Z-92"

2149 KXCV 90.5 MO Maryville

2204 KMAZ 92.9 NE Beatrice, KMAZ Radar Wx

2234 MUF off FM

6/25 tr  
1922 WBN 102.5 NY Buffalo, WRFY off

1938 WOEZ 100.9 PA Milton

1950 WFOR 100.5 NY Rochester, "FOR-100"

2019 unID 97.7 Religion - WYBT?

2037 WCLH 90.7 PA Wilkes-Barre

6/26 tr  
0000 WBN 102.5 NY Buffalo, still in

6/26 Es  
1104 unID 91.3 classical

1110 unID 94.9 k, "Grand ole opey house"

1117 unID 88.7 jazz - CDT

1117 unIDs 89.9, 97.1 - pop, 97.7 - k

1121 MUF off FM

1203 KBID 92.9 TX Wichita Falls

1215 KEEC 94.7 OK Oklahoma City

1216 KCFO 98.5 OK Tulsa

1217 KATT 100.5 OK Oklahoma City

1220 KXXY 96.1 OK Oklahoma City

1223 KTFX 103.3 OK Tulsa

1229 KEYN 103.7 KS Wichita

1240 KARD 107.3 KS Wichita

1245 KLRZ 105.9 KS Lawrence

1245 KXXX 100.3 KS Colby, nearly 1500 mi!

1249 unID 96.9 exotic country music

1250 unID 107.3 k

1300 KJLS 103.3 KS Hays

1302 KSKG 99.9 KS Salina

1315 KLIN 107.3 NE Lincoln

1320 KQKQ 98.5 IA Council Bluffs

1325 KODY 94.9 NE North Platte,

another nearly 1500 mi.

1342 MUF off FM.

6/29 Es  
1349 unID 97.1 k

1407 unID 97.1 d

NEW RECORD - 24 new stations were received and recorded in a 19 hr. period - 6/25 -

1829 - 6/26 - 1329. This breaks all previous home DX records on AM, FM or TV for this

short period of time. Records go back to 11/9/76. I'm surprised by the little number of

WTFDA members. I thought there would be at least a few thousand. My next FM DX

report in two months. 73s and great DX, Daniel E. Oetting

\*\*\*\*\*

Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Akai AT-704 Tuner w/Winegard antenna and rotor at 60 feet.

6/24 tr  
0055 WDOD 96.5 TN Chattanooga, k

450 6/25 Es  
450 2114 KCGH 95.7 MT Scobey, r

450 2121 KPOX 92.5 MT Havre, k, ad

415 2130 KIVE 96.5 MT Glendive, m

2135 KYYY 92.9 ND Bismarck, ad

450 6/27 tr  
500 2300 WVPM 90.9 WV Morgantown, s/off

410 6/28 tr  
0115 WAOP 100.9 MI Otsego, k

890 7/4 Es  
1070 1000 KTX 88.1 TX Lubbock, r

7/4 Es  
1015 KSEL 93.7 TX Lubbock, r

7/5 Es  
1820 KBAT 93.3 TX Midland, k

1830 KTOH 99.9 NM Clovis, r

1847 KXTX 98.7 TX Amarillo, r

1858 KPAS 93.9 TX El Paso, m

1900 KWAS 101.9 TX Amarillo, g

1905 KKKQ 99.1 NM Clovis, r

1906 KKKQ 94.1 NM Humble City, r

1913 KINT 97.5 TX El Paso, r

1914 KSEL 93.7 TX Lubbock, r

1930 KVLU 91.3 TX Beaumont, j, o/WHJE

(Tape of Lamar Univ. Jazz Band)

1938 KHEY 96.3 TX El Paso, k

1945 KKKY 100.3 NM Albuquerque, m

1946 KCTB 93.9 AZ Flagstaff, m

(Most distant - heard in 78, 80 & 81)

2020 KUHF 88.7 TX Houston, j

2038 KTEP 88.5 TX El Paso, c

7/8 Es  
2040 KOYE 94.9 TX Laredo, r

2042 KEXX 93.9 TX Corpus Christi, r

2044 KESS 93.9 TX Fort Worth, SS

2049 KTX 88.1 TX Lubbock, r

2058 KYKK 94.1 NM Humble City, r

2059 KPER 95.7 NM Hobbs, k

2100 KHEY 96.3 TX El Paso, k

2106 KBAT 93.3 TX Midland, k

I did receive a reply from 88.3 WKHR Bainbridge, OH. The station is no longer 10 watts. Power output is now 100 watts. However, 88.9 WJG River Grove, IL becomes my 37th 10 watt heard and taped. Many thanks to Bob Zent for calling me regarding WRRG. WRRG was first heard over WYMS. Fortunately, WYMS signed off and WRRG was heard well. Don't know why WSND was off that night, but this was certainly to our benefit.

The best day of skip, 6/25, was a day I had to work, so I missed all but the ending! The other skip sessions were too brief and in an area I had heard from in previous years. I never have much luck with skip!

There have been few tr openings this summer. I said it and will say it again: It will be years before Indiana sees an FM summer as good as 1980. Total now: 992 with 252 Ed. Band. If I don't have over 1000 by next month, I may as well hang it up! Even without our friends from Canada, this is the longest NFM column I hope to ever have to type!!

A few reporters have urged me to print the following comments. I have also included a couple of my own. Please read.

1. Be positive you heard enough information from each station to constitute a "catch." Those counting a station when only a format was heard are cheating.
2. If you are traveling in your car from your home town of Elephant Bluffs, VT to Jackrabbit Springs, MT, stations heard on your car radio between the two points CAN NOT be counted to your Elephant Bluffs log. Only stations heard within a 30 mile radius of Elephant Bluffs may be counted. However, if you would like to comment on FM reception you heard while visiting Jackrabbit Springs, this is fine. For a good sample, see Bob Zent's NM comments in his July VUD report.
3. One DXer would like to see a format listing and information regarding every station the reporter has claimed as new.
4. In your report, only include the unusual. This means you should report all Es, MS, Au, long range tr, and low powered stations which are seldom heard in your area. Stations you can hear on an almost daily basis are of no or little interest to anyone.
5. Lastly, it is wise to send any new or unusual information you hear regarding a station to Bruce Elving for his column and the FM Atlas.

73. Ralph



# SOUTHERN FM DX

AUGUST 1981

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, AND WV.

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74074

DEADLINE: 10th

## ES BECOMES MUCH MORE LIVELY AFTER A SLOW START

### TWO BIG DUCTS HIGHLIGHT JUNE TROP

This year's Es season, slow in cranking up, finally gained considerable momentum in the second half of June with at least seven active days for the FM South recorded. The 25th was most prolific with Es bouncing in from several widely spaced directions at once for some reporters. After a lull Es continued its boom into early July, the 4-9th looking quite good. Even 10 watters were managing to be heard. Maximum distance heard so far is 1800 miles. If the July trend keeps up, this Es season will rival last year's, if it doesn't already. However, one reporter from Texas where things have not been doing so well may dispute that.

June has been a prosperous month for long haul trop, though the openings have not been as long lived as the previous June. More reports on the June 8-9th duct is here. At that time signals rolled in from the desert, just as it did last year, in an El Paso, TX to Arkansas path (literally a Texas sized opening and then some). The 8-9th tr peaked out at 1000 miles. Also reported was another duct that ranged up to 910 miles on June 17-18th. Some more tr has formed since then but at more modest levels. Southerners, if you've had a good time DXing this summer, why not share it by reporting to this column? We could use more reporters from different areas. Now on to the reports.

Tim McVey, Route 3, Box 568, Bolivar, TN 38008 - April 12 to July 5 (901) 658-9517

Equip: JVC JT-V22 tuner, Finco FM-5 antenna with rotor

The cover of May's VUD is right: It is time for E-skip. Finally! It is the greatest feeling to finally hear some decent, good ol' DX after a completely dead April. My TV screen is usually as messed up as that on May's cover, too. I had taken several good shots of TV Canal 4 (XHA0 at 1500 miles and XHD at 1100) but the developer ruined that whole roll of film. So phooey on April and Fox Photo, but things are at last picking up, and I am enjoying the 1981 E-skip season very much. You can see why as you read this report:

4/12 Au

2200 The Aurora Borealis was seen here in to the South in TN, AR, MS, and AL. It 2400 created havoc on FM, but those stations were coming in 3 and 4 deep on all clear channels. Talk and music too garbled to understand. TV CCI extreme. Most FM channels were very noisy with alternating stations dominating.

5/3 Es (most in stereo)

0930 XEJP 93.7 DF Mexico City 1345  
0940 XEUN 96.1 DF Mexico City  
0945 XEOY 89.7 DF M. C.

5/28 Es

2000 KRWN 92.9 NM Farmington, e 1085  
2005 KAMA 93.1 TX El Paso, L 1030  
2006 KTEP 88.5 TX El Paso, c  
2010 KOVO 94.5 NM Gallup, ID in ad 1108  
2013 KEZB 93.9 TX El Paso, e 1030  
2018 KISZ 97.9 CO Cortez, r 1100  
2019 KRSJ 100.5 CO Durango, k 1061

5/29 Es

0917 El Paso FMs in again  
0919 KJYK 94.9 AZ Tucson, K-joy 1282  
1007 WEZF 92.9 VT Burlington, e 1053  
1008 WRUV? 90.1 VT Burlington, r 1053  
---- CITE1 96.1 PQ Sherbrooke, m 1139  
(tent. because they never would talk or ID, but only logical 'catch'.)  
1015 WCHN 93.9 NY Norwich, d 374  
1015 CKCU 93.1 ON Ottawa, ID and ads in EE

5/29 Es

1025 CJMF 93.3 PQ Quebec, m French 1217  
1025 until 1050 fade-out, 93.1, 93.7 and 100.7  
aired identical music, all mor-classical. No talk or ID's, so these are just logical guesses. I'm fairly sure about 93.7 and 100.7.  
CBJ-3 93.1 PQ Dolbeau, ec 1268  
CBF-6 93.7 PQ Lac Megantic, ec 1154  
1045 CBF 100.7 PQ Montreal, ec 1084

6/8 Tr

0820 KWLS 93.1 KS Pratt, k 569  
0930 KKEC 92.1 AR Fayetteville, m 302  
1815 Joplin, Tulsa, Springfield, MO and OKC in strong with \$. Goody-goody....  
1835 KKEC 94.7 OK Oklahoma City, k 491  
"Keep EveryBody Country"  
1837 KATT 100.5 OK OKC, pr  
1838 KORQ 100.7 TX Abilene, r, Q-100 640  
1842 KLAW 101.5 OK Lawton, k, K-law 543  
1845 KEAN 105.3 TX Abilene, k, keen 640  
1900 KHEN 99.5 OK Henryetta  
1905 KTEN 93.3 OK Ada, e  
2016 KBID 92.9 TX Wichita Falls, e 556  
2019 KLUR 99.9 TX W. F.  
2020 KNTQ 103.3 TX W. F., r, T-103  
2030 KRLG 98.1 OK Lawton, r, 98-FM 543  
2350 KGNZ 88.1 TX Abilene, g 640  
2354 KXXY 96.1 OK Oklahoma City, pr 491  
2355 KLNK 98.9 OK OKC, k  
2356 KLTE 101.9 OK OKC, m  
2400 KAEZ 107.7 OK OKC, s

cont.....

## SOUTHERN FM DX

6/9 tr (!!)

0837 KNFM 92.3 TX Midland, e 780  
0841 KBAT 93.3 TX Midland, k  
0845 KKKK 99.1 TX Odessa, g 803  
0850 Dallas-Ft. Worth relogs..

0854 KQIP 96.9 TX Odessa, r  
0915 KWMJ 103.3 TX Midland-Odessa, e  
6/13 tr

0800 WPAP 92.5 FL Panama City, k 409  
0815 Relogs from Mobile 328, Pensacola 356 and Atlanta 281 mi.

0822 WJAD 97.3 GA Bainbridge, r  
0830 WVOC 102.9 GA Columbus, r 309  
0900 WTSU 89.9 AL Troy, m

6/14 tr

0800 The same FL opening as 6/13

6/15 tr

0800 Another repeat of 6/13, with Atlanta strong.

0815 WREK 91.1 GA Atlanta, j 281  
6/18 tr

0930 Strong tr into southeast, inc. TN, GA, FL, AL. Note: It may seem a little odd that I would list my own state as DX, but there are lots of stations in east TN that just do not come in because of the plateau and mountains between us. Even Knoxville only comes in once or twice a year here. (Ed. note: I wish more folks would explain their close-in "dx", especially if it's under 50-150 miles. DB)

0950 WMYU 102.1 TN Sevierville, km

1000 WUOT 91.9 TN Knoxville, c

0955 WDOD 96.5 TN Chattanooga, k

1915 ...all those Atlanta stations again

1930 WGAU 97.7 NC Kinston, state #38

(Heard this quite by accident when playing back a tape; all I heard of it was an address for a mobile home business.)

6/20 tr

0830 Good ol' Dallas-Ft. Worth in and KJCS, Nacogdoches, KOOI Jacksonville.

0835 KMGC 102.9 TX Dallas

0845 Oklahoma City in: KKNQ, KEEC, KATT

6/23 tr

0830 WWTID 106.7 CA Gainesville, r

6/25 Es

0957 KRWN 92.9 NM Farmington, m

1000 KBYU 88.9 UT Provo, c

1002 KRSJ 100.5 CO Durango, k

1005 KWKY 94.9 NM Aztec, rm

1040 KUDO 93.1 NV Las Vegas, m state #39

1045 KNPB 89.5 NV Las Vegas, c 1490

6/28 Es

1130 XHPS 93.3 VER Veracruz, L 1176

1133 XHRN 96.5 VER Veracruz, L

e=mor (easy listening)

F. J. Cor.

AUGUST 1981

6/28 Es

1134 XHPR 101.3 VER Veracruz, L 1176  
1135 XHVE 102.1 VER " " "  
1148 XHTS 102.9 VER

7/4 Es

0930 KRCS 93.1 SD Sturgis, k  
0933 KTCL 93.3 CO Fort Collins, m  
0940 KGRE 92.5 CO Greeley, k  
0942 KCSU 90.9 CO Fort Collins, jm  
0943 KUNC 91.5 CO Greeley  
0945 KBCC 97.3 CO Boulder, r  
0946 KBVL 94.7 CO Boulder, e  
0950 KCFR 90.1 CO Denver, p

7/5 Es

1830 KQIZ 93.1 TX Amarillo, r  
unID 93.1 mountain time zone, m  
1835 KGNQ 97.9 TX Amarillo, k  
1837 KSPZ 92.9 CO Colorado Springs, Z-93, r  
1840 KMOR 92.9 NE Scottsbluff, m  
1841 KNEB 94.1 NE Scottsbluff-Gering, e  
1845 KTYX 98.7 TX Amarillo, r  
1846 KTCL 93.3 CO Fort Collins, pr  
1855 WHAV 92.5 MA Haverhill, e  
1857 WFCR 88.5 MA Amherst, L  
1858 KCOL 107.9 CO Fort Collins  
1859 KRDO 95.1 CO Colorado Springs, e  
1900 KCME 88.1 CO Manitou Springs  
1902 WCGY 93.7 MA Lawrence, r

1903 WLWH 93.7 CT Hartford, L

1910 WMAS 94.7 MA Springfield, mr

1912 WFUV? 90.7 NY New York, c

1915 WVIC 96.5 CT Hartford, r

1915 WZTD 95.7 NH Manchester, e

1916 WOKQ 97.5 NH Dover, m

1920 WPDH 101.5 NY Poughkeepsie, r

1921 WLYN 101.7 MA Lynn, r

1922 WAQY 102.1 MA Springfield, r

1924 WCRB 102.5 MA Waltham, c

1928 WBB 106.7 MA Boston, p

1929 WKXS 107.9 MA Boston, r

1930 WAAF 107.3 MA Worcester, pr

1930 WYBF 105.7 MA Framingham, mr

1934 WJTB 106.3 ME Scarborough, e

1937 WFBC 92.9 ME Bangor, c

1944 WIDE 94.3 ME Saco-Biddeford, e

1947 CKMF 94.3 PQ Montreal, rF

1950 WCOZ 94.5 MA Boston, pr

1950 WNEB 94.5 NY Buffalo, c

1954 WEZF 92.9 VT Burlington, e

1955 WMGX 93.1 ME Portland, mr

1958 WCOU 93.3 ME Lewiston, k

2000 CFCQ 93.9 PQ Trois Rivières, cF

2002 KQIX 93.1 CO Grand Junction, r

2015 KRAI 93.7 CO Craig, r

2011 KRWN 92.9 NM Farmington, mr

2009 KGLS 92.7 CO Glenwood Springs, m

2016 KREX 92.3 CO Grand Junction, e

2030 KILQ 93.9 CO Colorado Springs, r

And so concludes my report for this time. I hope I have more bang-up Es sessions like 7/5! I hope you do, too. I have made our house into an antenna farm with three antennas for FM/TV and two longwire antennas. (Hope the lightning never strikes close.) Station logs now sit happily at 843 from 39 states, four estados, and four provinces. Sorry I didn't compute mileages for all the report, maybe next time.

73, and a good summer, TIM!

MORE SUTHERN REPORTS CONTINUE!

Lowell E. McCown, Box 286, Auxier, KY 41602 - June

Equip: Heath AR-1214, dipole antenna made of 300ohm twinlead mounted vertically at 45 ft.

Skip was late again arriving here in the mountains of eastern KY. It started out slow and was slow during the whole month of June. Sure hope July produces more Es than what June did. On June 17 at 2115 on 96.1 had in an unid Spanish speaker. I think I heard Mexico mentioned, but am not positive. This was the only Es station on FM despite the TV channels two through six were loaded with Es. I have the above station on tape and if some of you bilinguals out there would give me some help in IDing the Spanish speaker, I would be most grateful.

6/21 Es  
1713 **KMAZ** 92.9 NE Beatrice  
1737 **KNEN** 94.7 NE Norfolk  
6/25 Es  
0950 **KBAT** 93.3 TX Midland  
0952 **KELO** 92.5 SD Sioux Falls, ID  
1003 **KLLL** 96.3 TX Lubbock  
1005 **KBIM** 94.9 NM Roswell, ID  
1015 **KYKK** 94.1 NM Humble City  
1316 **KTCL** 95.9 CO Ft. Collins, ID  
1318 **KRDO** 95.1 CO Colorado Springs  
1320 **KXXX** 100.3 KS Colby  
1331 **KOAO** 103.5 CO Denver  
1333 **KAZY** 106.5 CO Denver, ID  
1338 **KPPL** 107.5 CO Lakewood, K-people  
1339 **KHAT** 106.3 NE Lincoln, wx  
1340 **KSFT** 105.1 MO St. Joseph, city library  
1341 **KQKY** 105.9 NE Kearney, ad  
1345 **KLIN** 107.3 NE Lincoln, ID  
1350 **KNEB** 94.1 NE Scottsbluff  
1356 **KIGX** 94.9 NE McCook, farm report  
1413 **KFAH** 92.1 NE Alliance, Noon Report  
1420 **KEZC** 92.3 NE Omaha, ID  
"We're rocking Omaha at Point - blank with Z-92"

It looks like June came through with a couple of pretty good openings. The band was full of stations all the way to the top of the band. Identification becomes more and more difficult with the stations substituting their slogans such as Q-104, Z-93, FM-95, etc. for their calls.

Rick Samford, 404 S. McNeill, Burnet, TX 78611 - June 7 to July 7 CDT

6/8 tr  
0858 **KZOR** 94.1 NM Humble City, r  
Z-94, ex-KYKK  
0900 **KBIM** 94.9 NM Roswell  
1000 **KLNK** 98.9 OK Oklahoma City, r,  
The New Link  
1030 **KWAS** 101.9 TX Amarillo, g  
2359 **KKRD** 107.3 KS Wichita  
6/9 tr  
0001 **KAEZ** 107.7 OK OKC  
0003 **KGOU** 106.3 OK Norman  
0032 **KJIL** 104.9 OK Bethany, Son Life Radio  
0053 **KATT** 100.5 OK OKC  
0100 **KMCK** 105.7 AR Siloam Springs, r  
0547 **KBUZ** 106.5 KS Arkansas City  
0556 **KELS** 92.1 OK Ardmore, r, ex-KRRO  
0559 **KASU** 91.9 AR Jonesboro, s/on  
0605 **KNID** 96.9 OK Enid, k, The Big 97  
0610 **KWGS** 89.5 OK Tulsa, NPR  
0632 **KXLS** 99.7 OK Alva, ID, nc, r  
0637 **KVRF** 95.5 TX Haskell, new, k  
0652 **KSKU** 102.1 KS Hutchinson  
0658 **KHUT** 102.9 KS Hutchinson, Country 103,  
w/NBC nx  
0918 **KVGB** 104.3 KS Great Bend, k  
0921 **KWLS** 93.1 KS Pratt, k  
0930 **KMUW** 89.1 KS Wichita  
0932 **KOEZ** 92.3 KS Newton, FM-92, m  
0937 **KICT** 95.1 KS Wichita, p, T-95

1422 **KERM** 98.3 WY Torrington  
1429 **KCMI** 103.9 NE Terrytown, ID  
1434 **KAWY** 94.5 WY Casper  
1452 **KQSK** 97.5 NE Chadrin  
by 1500 Es had vanished from the band but returned at 2130. This late evening opening was characterized by severe fading - no station stayed in more than a couple of minutes.  
2135 **KYTN** 94.7 SD Grand Forks, ad  
2143 **KKQD** 92.9 SD Grand Forks  
2222 **KVOX** 99.9 MN Morehead, nx, wx  
2226 unID 93.5 French speaker noted here????  
6/26 Es  
1238 **KQRN** 107.3 SD  
1244 **KCNE** 107.5 IA  
1249 **KQHU** 104.1 SD  
1257 **KMIC** 105.9 unID, can't find listing-HELP  
1300 **KOSG** 92.7 IA Osage, ID, nx  
1302 **KNUJ** 93.1 ?? call not in my directory  
1315 **KGLD** 104.7 MN St. Cloud, local band ad  
1325 **KKWS** 105.9 MN Wadena  
1336 **KPRM** 97.5 MN Park Rapids, ad  
1343 **KEPZ** 96.1 ?? can't find listing

6/9 tr  
0942 **KFDI** 101.3 KS Wichita, k  
1021 **KKAT** 106.1 KS Lyons, g, The Cat  
1030 **KEYN** 103.7 KS Wichita, thru KCSW  
1057 **KOSU** 91.7 OK Stillwater, c, The Morning  
Concert, in/out with KVTI, Dallas  
1930 **KCPA** 98.5 OK Tulsa  
2347 **KWHW** 93.5 OK Altus, Rock-93  
2359 **KMAG** 99.1 AR Ft. Smith, s/off

6/10 tr  
0005 **KNID** 96.9 OK Enid  
0548 **KKNG** 92.5 OK OKC, King, m  
0558 **KJYO** 102.7 OK OKC, K-Joy, m, ex KZUE  
6/20 tr  
2358 **WQXY** 100.7 LA Baton Rouge  
6/21 tr  
0000 **WJAY** 101.9 LA New Orleans, Joy-102  
0859 **KASU** 91.9 AR Jonesboro, wx  
0859 **WBHM** 90.3 AL Birmingham  
0900 **KENW** 89.5 NM Portales  
0914 **WAPI** 94.5 AL Birmingham, QRM from  
KLEF and KROK  
0932 **KWEZ** 104.1 LA Monroe, m  
0937 **KTQM** 99.9 NM Clovis, FM-100  
0939 **KACV** 89.9 TX Amarillo, The Jazz Show  
0947 **KGNC** 97.9 TX Amarillo  
0955 **WAQT** 94.1 AL Carrollton, Q-94  
cont.....

6/21 tr  
0957 **WJDQ** 101.3 MS Meridian, Dick Clark  
1001 **WALT** 97.1 MS Meridian, now m  
2359 **KPER** 95.7 NM Hobbs, k, w/CBS nx  
6/22 tr  
0858 **KACV** 89.9 TX Amarillo  
0859 **KENW** 89.5 NM Portales, wx

6/22 Es  
1304 **KXTZ** 94.1 NV Henderson  
1308 **KFMS** 101.9 NV Las Vegas  
1310 **KLUC** 98.5 NV Las Vegas  
1325 **KUDO** 93.1 NV Las Vegas  
6/24 Es  
1552 **WQYK** 99.5 FL St. Petersburg  
1554 **WRIT** 92.7 FL Stuart  
1556 **WPCV** 97.5 FL Winter Haven, k, FM-97  
1559 **WIZD** 98.7 FL Ft. Pierce, 99-IZK  
1601 **WHEW** 101.9 FL Ft. Myers,  
1602 **WUVU** 103.3 FL Bradenton  
1604 **WCKO** 102.7 FL Pompano Beach, K-102  
1605 **WXOS** 100.3 FL Plantation Key  
1607 **WQVU** 95.5 FL Ft. Pierce  
1609 **WQML** 92.7 FL Punta Gorda  
1612 **WATA** 97.3 FL Miami,  
A-1-A Traffic Control  
1615 **WKQS** 99.9 FL Boca Raton, m, Kiss  
1616 **WEDR** 99.1 FL Miami  
1620 **WWVL** 93.9 FL Miami Beach, Love-94FM  
6/25 Es  
0850 **WJPD** 92.3 MI Ishpeming  
0855 **CHMM** 97.5 MB Winnipeg, k  
0859 **WAPL** 105.7 WI Appleton  
0901 **KSUI** 91.7 IA Iowa City  
0904 **WCMP** 92.1 MN Pine City  
0905 **WDOR** 93.9 WI Sturgeon Bay, ABC I nx  
0905 **KSTP** 94.5 MN St. Paul  
0906 **WPRE** 94.3 WI Prairie Du Chien

6/25 Es  
1854 **WIAL** 94.1 WI Eau Claire, m  
1858 **KWKW** 96.7 MN Rochester, ID, nx  
1903 **KLXL** 102.3 IA Dubuque  
1906 **KNXR** 97.5 MN Rochester  
1910 **WRLS** 92.1 WI Hayward, r  
1911 **WJPD** 92.3 MI Ishpeming  
1931 **KSTP** 94.5 MN St. Paul, Twin Cities wx  
1933 **WAKX** 98.9 MN Duluth, Wx  
1935 **KKQD** 92.9 ND Grand Forks, 93-KDQ  
1959 **WRNS** 95.1 NC Kinston, NC News Net., ID

Things have certainly improved during the last two months, but 1981 nevertheless appears to be shaping up as the most lackluster year for FM DXing I have yet experienced. To put it politely, skip levels have been very meager, although some good openings may have been missed on several days when I wasn't here to check. Tropo has been just as unexciting, with only one brief opening good enough to produce some 700 mi. tr. There was absolutely no tr from northeastern KS, MO, TN, or FL during this past spring, which was quite unusual for this location. I hope that other DXers have had more interesting results with the trop and skip this summer. 73s, Rick.

George Rogers, 320 Lafayette Road, Chickamauga, GA 30707 - May 20 to June 21

Equip: General Electric Superadio #7-2880 B

Here is this month's report. It's a mixed bag of DX, because I went to Woodridge IL on June 6-10. All times EDT except Chicago and Indiana DX, CDT.

5/20 Es  
1450 **XHGL** 97.7 YU Merida, ads 1450  
1500 **XHAV** 100.3 JAL Gradalajara, nx 1800  
1505 **XHMT** 98.5 YU Merida, m 1450  
5/22 Es  
1645 **KBIL** 92.9 TX San Angelo, r 1046  
(#100th from Tx)  
1650 **KWLV** 93.9 TX San Angelo, k 1046  
1650 **KIXV** 95.3 TX Brady, mr 950  
1654 **KIXY** 94.7 TX San Angelo, r 1046  
1655 **KRUN** 103.1 TX Ballinger, k 1005  
1657 **KSJT** 97.5 TX San Angelo, SL 1046  
1735 **KBAT** 93.3 TX Midland, nx 1123  
1735 **KWML** 103.3 TX Midland, m 1123  
1736 **KCOU** 104.7 TX Lamesa, SL 1105  
1743 **KTSM** 99.9 TX El Paso 1425  
1750 **XHGH** 105.9 CHI Ciudad Juarez, m 1430  
1755 **KTRF** 88.5 TX El Paso, c 1425

6/25 Es  
0907 **WKJF** 92.9 MI Cadillac  
0910 **WDEZ** 101.9 WI Wausau, k  
0913 **WLKR** 95.3 OH Norwalk  
0918 **KEMB** 98.3 IA Emmetsburg  
0920 **WWJO** 98.1 NM St. Cloud  
0922 **WHMH** 101.7 MN Sauk Rapids  
0924 **KQIC** 102.5 MN Willmar, Q-102  
0930 **KKOK** 95.7 MN Morris  
0936 **KRCH** 101.7 MN Rochester  
0937 **WFCY** 104.9 MI Alma  
0943 **WIMI** 99.7 MI Ironwood  
0959 **WHML** 101.7 MI Marquette  
1000 **KFNW** 97.9 ND Fargo  
1000 **KDWZ** 97.1 MN Crookston, r, Z-97  
1005 **WKZY** 97.1 MI Escanaba, wx, Cozy-97  
1135 **KEZJ** 95.7 ID Twin Falls  
1137 **KBLI** 97.7 ID Blackfoot  
1139 **KIDQ** 104.3 ID Boise, Q-104  
1142 **KMVC** 98.3 ID Burley  
1145 **KFMA** 102.9 ID Jerome  
1148 **KRSP** 103.5 UT Salt Lake City  
1158 **KPKY** 94.9 ID Pocatello, ex-KSIH  
1158 **KBXL** 94.1 ID Caldwell  
1200 **KID** 96.1 ID Idaho Falls  
1209 **KUUV** 96.9 ID Nampa, K-Double U-Z  
1213 **KNAQ** 92.1 ID Rupert  
7/5 Es  
1854 **WIAL** 94.1 WI Eau Claire, m  
1858 **KWKW** 96.7 MN Rochester, ID, nx  
1903 **KLXL** 102.3 IA Dubuque  
1906 **KNXR** 97.5 MN Rochester  
1910 **WRLS** 92.1 WI Hayward, r  
1911 **WJPD** 92.3 MI Ishpeming  
1931 **KSTP** 94.5 MN St. Paul, Twin Cities wx  
1933 **WAKX** 98.9 MN Duluth, Wx  
1935 **KKQD** 92.9 ND Grand Forks, 93-KDQ  
1959 **WRNS** 95.1 NC Kinston, NC News Net., ID

5/27 Es  
1028 KIOV 104.7 SD Sioux Falls, nx 1170  
1030 KQSR 97.9 SD Rapid City 1404  
1032 KFKY 101.5 SD Gregory, m 1290  
1035 KBRX 102.9 NE Oneill, farm nx 1173  
1035 KQAA 94.9 SD Aberdeen, ad 1300  
1035 KQAD 100.9 MN Luverne, farm nx 1165  
1040 KILR 95.9 IA Estherville, ads 1024  
1045 KESD 88.3 SD Brookings, c 1227  
1045 KKRZ 93.5 SD Sioux Falls, r 1170  
1050 KINI 96.1 NE Crookston, k 1295  
1105 KIZH 93.5 NE Hastings, nx 1147  
1105 KMAZ 92.9 NE Beatrice, wx 1084  
1105 KSKD 95.5 NE Gordon, nx 1375  
1135 KMIT 105.9 SD Mitchell, mr 1240

5/28 Es  
1205 KLMR 93.3 CO Lamar, U nx 1135  
1205 KILQ 93.9 CO Colorado Springs, aor  
1210 KRDO 95.1 CO Colorado Springs, m 1259  
1210 KYNR 99.9 CO Pueblo, m  
1212 KKCS 101.9 CO Colorado Springs  
1232 KCFR 90.1 CO Denver, c 1317  
1232 KWBI 91.1 CO Morrison, g 1330  
1235 KGRE 92.5 CO Greeley, k 1330  
1240 KHUM 89.3 CO Denver, pr 1317

5/29 tr  
0820 WCKQ 103.9 KY Campbellsville, ads 200  
1020 WSTO 96.1 KY Owensboro, nx 285  
1030 WLIV 95.9 TN Livingston 110

6/5 tr  
0715 WKIR 104.1 TN Jackson A nx 160  
0720 WJQA 95.7 AL Tuscaloosa, aor 194  
0730 WJQD 101.3 MS Meridian, nx 296  
0730 WAIM 101.1 SC Anderson, ads 205  
0740 WWMB 102.5 AL Jasper 175  
0745 WBAW 98.9 AL Montgomery, aor 218  
2130 WJRS 104.9 KY Jamestown, Reds BB 120  
6/8 Es (From Chicago)  
2055 CBK 96.9 SK Regina, mor 1147  
2105 CJUS 89.7 SK Saskatoon, talk 1302  
2105 CFMQ 92.1 SK Saskatoon, pr 1302

6/9 tr  
0710 KCCK 88.3 IA Cedar Rapids, nx 241  
0805 WCBU 88.9 IL Peoria, wx 157  
0805 WIBI 91.1 IL Carlinville, g 275  
0810 WMLA 92.7 IL Leroy, k 146  
0820 WBBF 98.9 IL Rock Island, mr 163  
0825 WSMI 106.1 IL Litchfield, nx 240  
0830 KRVR 106.5 IA Davenport, m 170  
0845 KFMH 99.7 IA Muscatine, ad 175  
0845 WQCY 99.5 IL Quincy, g, over WEFM 289  
0855 KGRS 92.9 MO Hannibal, r 313  
0945 KGRS 107.3 IA Burlington, r 205  
0953 KTWI 105.3 IA Dubuque, m 175  
0955 WGEN 104.9 IL Geneseo, k 150  
1010 WJRE 92.1 IL Kewanee, r 143

6/11 tr (on road from Chicago to KY)  
0850 WBNL 107.1 IN Boonville, m 115  
0940 WTAN 99.1 IL Danville, k 200  
1005 WPKY 104.9 KY Princeton 165  
1010 WBDJ 97.7 IN Brazil, aor 170  
1010 WMOA 94.3 OH Marietta, m 210  
1010 WLRW 94.5 IL Champaign, r 200  
1020 WSVL 97.1 IN Shelbyville 115  
1025 WFFR 102.7 IN Terre Haute, pr 180  
1025 WYTS 100.7 IN Terre Haute 180

The next time I report to you I will be over the 1500 station mark. I'm hoping for a big FM-ES this summer. Remember we're gonna have DX fun in '81.

MOUNTAIN DXING NEXT PAGE.....

6/14 tr (back in Chickamauga)  
0900 WKRG 99.9 AL Mobile, r 385  
0902 WTVY 95.5 AL Dothan, CBS nx 317  
0905 WAQT 94.1 AL Carrollton, kg 240  
0905 WXBW 102.7 FL Milton 396  
0930 WGLF 104.1 FL Tallahassee, aor 384  
0930 WRSS 105.7 AL Troy, g 267  
0940 WZZQ 102.9 MS Jackson, ads 389  
0940 WABB 97.5 AL Mobile 385  
0955 WALT 97.1 MS Meridian, m 296  
1005 WFSU 91.5 FL Tallahassee, c 384  
6/15 tr  
0825 WAMZ 97.5 KY Louisville, k 313  
0830 WJDB 95.3 AL Thomasville, nx 330  
0830 WVLK 92.9 KY Lexington 292  
0830 WGLX 100.5 SC Laurens, m 210  
0840 WKYD 98.1 AL Andalusia, wx 305  
0853 WPGV 100.9 TN Huntington, r 240  
2056 WBBQ 104.3 GA Augusta, ABC nx 263  
2145 WXBQ 96.9 TN Bristol, k 224  
2147 WLCS 99.9 NC Asheville, m 207  
2200 WQUT 101.5 TN Johnson City 216

6/17 Es  
1510 WINZ 94.9 FL Miami Beach 776  
1510 WWVL 93.9 FL Miami Beach  
tr  
1515 WKPT 98.5 TN Kingsport, m 206  
1515 WSLQ 99.1 VA Roanoke, r 367  
1935 WFFR 102.7 IN Terre Haute, ads 455

Es  
2115 KIXS 93.3 TX Killeen 875  
2117 KITV 92.9 TX San Antonio, r 981  
2120 KRLY 93.7 TX Houston, r 784  
2120 KLEF 94.5 TX Houston, m  
2125 WOAT 97.3 TX San Antonio, ad 981  
2125 KMFJ 96.1 TX San Antonio, c  
2130 KVIC 95.1 TX Victoria 906  
2210 KESS 93.9 TX Fort Worth, SL 821  
2215 KSJT 97.5 TX San Angelo, Astros bb 1046

6/8 tr  
0748 WPTH 95.1 IN Fort Wayne, aor 536  
0800 WTIO 102.7 WV Charleston, m 427  
0800 WVOW 102.9 WV Logan, nx 380  
0805 WLOV 100.1 GA Washington 245  
0810 WFGM 97.9 WV Fairmount, talk 564  
0810 WVAF 99.9 WV Charleston, aor 427  
0815 WBSB 96.1 WV Charleston, nx 427  
0905 WVPN 88.5 WV Charleston, c

Es  
2150 KBAT 93.3 TX Midland, k 1123  
2150 KOHM 91.1 TX Lubbock, pr 1116  
2153 KJAK 92.7 TX Slaton, g 1125  
2155 KOCV 91.3 TX Odessa, pr 1143  
2202 KWLW 93.9 TX San Angelo, k 1046  
2215 KVTI 91.7 TX Dallas, g 793  
2215 KBIL 92.9 TX San Angelo, ad 1046  
2220 KCOBI 89.3 TX Dallas, g 793

6/21 Es  
1415 KWYR 93.7 SD Winner, mr 1310  
1415 KNEY 95.3 SD Pierre, r 1320  
1420 KELO 92.5 SD Sioux Falls, m 1170  
1430 KFJM 89.3 ND Grand Forks, c 1356  
1525 KOGA 92.7 NE Ogallala, mr 1232  
1530 KMOR 92.9 NE Scotsbluff, ads 1356  
1545 KUNC 91.5 CO Greeley 1330  
1630 KSJM 93.3 ND Jamestown, m 1373  
1800 WKKG 93.9 MI Hibbing, nx 1239

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20815

# — MOUNTAIN DXING WITH TOYOTA SUPER CAR FM —

Normally my FM reports cover reception from our cottage at Fair Haven Cliffs, MD on the Herring and Chesapeake Bays in the land of pleasant living! This time we're pulling a wherry and reporting some mountain DX. I was quite interested in the article by Mark L. Lewis in the May '81 VUD, which reported on TOYOTA'S SUPER CAR FM RADIO which comes as standard equipment in their "premium model cars at no extra cost". About two months ago I purchased a Toyota Corolla Station Wagon and I'm also the proud new owner of a super FM radio!!

I started FM DXing in the Bethesda-Chevy Chase area (B-CC area) in 1959 using a fairly decent FM-AM Siemens table model radio and later went to a Scott FM tuner. But even in those days I found in the big city one had to FM DX mainly in the wee morning hours when some of the locals were off the air. By the early 60's many stations had increased their operating schedules, and had gone to higher power and more stations came on the air. Many of the Washington, DC area stations have their transmitters here in the B-CC area. DXing became all but impossible and in order to retain my interest in the hobby, I latched onto a Blaupunkt FM auto radio which was placed in my old Mercury Comet. I pulled out a map of the area and proceeded to draw a circle within a 50 mile radius of the DC area. This enabled me to escape to the nearby mountains for some interesting DX. Most mountain tuning was from two locations - Keys Gap, West Virginia and from Sugar Loaf Mountain just SE of Frederick, MD. Keys Gap is located just over the WV line on Rt. 9 between Hillsboro, VA and Charles Town, WV. This is the gateway to the Shenandoah and atop the mountain one hears Washington, Baltimore, Annapolis, etc. stations at good strength. But as you proceed down the mountain on the western side a few hundred yards you come to a scenic overlook where most sensible people stop to gaze at the beautifully Shenandoah River flowing hundreds of feet below. Here Hank stops to try his hand at FM DXing twisting the dial for hours. Also at this spot the Baltimore and Annapolis stations have become nil to weak and the Washington, DC stations are kind of distorted chugging in and out.

Reading Mark's article caused me to reminisce back to the 60's. Like that day of Sept. 7th, 1964 when I pulled in CFPL 95.9, CKFM 99.9 and CKLB 93.5 all some 330 miles away. Also heard from the Gap were such stations as WEBR and WDXC in Buffalo, NY not to mention Michigan stations WSOM 105.1, WJBK 92.1 and WCMC on 104.3. Last trip to Keys Gap on 6/15/65 produced such stations as KOCY 96.1 and KVTT TX 91.7 then only 785w. In the mid 60's we purchased our cottage and mobile FM DX was a thing of the past. But this past week on 6/26/81 I again ventured to Keys Gap after a 16 year absence with the new Toyota auto and its super radio. Yes, the scenic overlook is still there. Arriving at 0730 I found the overlook unoccupied. Tuned until about 1240 EDT. There appeared to be many more signals on the band from nearby locations than in the 60's but soon was pulling in Pittsburgh stations at about 140 miles away with little difficulty - WDSY well atop WFSI on 107.9, WPNT 92.9, WXKX 96.1, WWSW 94.5, etc. Also WAMJ Wheeling, WV at 160 miles in the clear on 107.5. Also old friends WOUB Athens, OH 91.3 at about 220 miles and WOSU Columbus, OH 89.7 at about 280 miles. Around 1130 E skip made an appearance with South Dakota stations KUSD 89.7 and KESD 88.3 plus KMWV Kansas on 89.1 all previously logged but fun to hear on an auto radio. Skippers on 88.7 and 88.9 eluded identification.

I left Keys Gap around 1240 for Sugar Loaf Mountain which on the map appears to be about 20 miles due east, but it was close to a 50 mile drive on winding mountain roads and did not arrive until after 1400 EDT where I parked at the top parking lot some 950 ft. above sea level. Sugar Loaf is unique as it is a mountain that stands alone but is not as good a DX location as Keys Gap. When I got to Sugar Loaf the band was quiet but did note with interest WKLP Keyser, WV with a beautiful signal on 94.1 about 80 miles away and adjacent to 93.9 where local DC station WKYS was blasting in. (Best 60's catch at Sugar Loaf was WGNB, NC at 340 miles.) Also on this trip carried a Sony portable ICF-7270W with 9 transistors, which I felt might do a good job in rural mountain areas but found it no match for the Toyota auto radio. Stations well received on the Toyota radio did not even appear on the Sony (especially where there was a stronger signal on an adjacent channel.) I feel the Toyota radio may even outperform my old Scott 310 E tuner at the bay. I will add that the Toyota radio has superb stereo sound! So 6/26/81 turned out to be a super day! Hopefully, we'll be returning to the mountains very soon. (I sure hope you can make it back up to those mountains when tr conditions are really up. DB)

Editor's note: Hank asks: Some locations (it appears especially in the West) are far more prolific for skip DX than others. The reason why has never been explained.

Your editor notices strong Es from the West coast to be non-existent in recent years as observed in the central part of the country while strong skip to the East coast is a sure thing, usually more than once, yearly. Why so is a mystery to me. Do any of the skip experts out there know or can theorize for us?

## SOUTHERN FM DX

AUGUST 1981

Christopher Hanley, 1125 Bolton St., Winston-Salem, NC 27103 - May 1 to June 30 EDT

Equip: DX-40 Radio Shack

Here's my first FM-DX report. I've held off until now 'cause I don't have much equipment. (a DX-40 tbl. is what I'm using now) (Ed. note: For gosh sakes, get something better. Selectivity on the DX-40 must be terrible. At least get something like a GE Super radio attached to an outside antenna if possible.) But I've decided to go ahead; this is only a hobby, nothing to be embarrassed about. (Heresy, I know.) Some explanations: WKID Shelby is 1.6 kw. WBCY is 97 kw but is normally "blocked out" by Win-Sal. WKZL 107.5 at 100 kw. (Like I said that DX-40 has terrible selectivity for FM, why not junk it? DB) WVMR doesn't usually make it over the hills from Roanoke. It'll make it over even less beginning this fall when WSMR-FM 89.1, Winston-Salem State U. goes on. Power will be 100 watts, with educational/black mx programming. 73's to all.

5/1 tr		0503 WSFL	106.5 NC Bridgeton	165
0124 WKID	96.1 NC Shelby, ID "K-96"	0602 WBCY	107.9 NC Charlotte, r	65
5/31 tr		6/2 tr		
0439 WAZZ	101.9 NC New Bern, k, xWREK	0803 WVMR	89.1 VA Roanoke	90

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 - June 14 to July 12 CDT

Equip: Pioneer TX-9100 tuner, Antennacraft GFM-10, 30 ft. high, rotor

6/14 Es		6/25 Es (super)	
2205 KFXD	94.9 ID Nampa, ID	1105 KUDO	93.1 NV Las Vegas, ID 985
6/17 Es		1114 KRKY	99.5 CA Mountain Pass, ID
1959 WCHY	94.1 GA Savannah	1123 KXTZ	94.1 NV Henderson
2016 WVMG	96.7 GA Cochran, ID	1128 KILA	95.5 NV Henderson
2028 WDI2	100.3 FL Orlando, ad	1146 KCEP	88.1 NV Las Vegas, "88.1 FM", 10w.!
2030 WDAK	95.3 GA McRae, "DAX"	1155 KNPR	89.5 NV Las Vegas, all from L. V. in
2131 WCEH	103.9 GA Hawkinsville, ad	1201 KBRE	94.9 UT Cedar City
2035 WRBN	101.7 GA Warner Robbins	1230 CJRT	91.1 ON Toronto, ID 1110
2037 WMCD	100.1 GA Statesboro, "MCD"	1234 WRIF	101.1 MI Detroit, r, ID
2059 WRMB	89.3 FL Boynton Beach	1236 WVOH	100.5 NY Rochester
2106 WWLV	94.5 FL Daytona Beach	1240 WNIC	100.3 MI Dearborn-Detroit, ID
2114 WMFQ	92.7 FL Ocala, "MRQ"	1245 WJYE	96.1 NY Buffalo
2125 WYNF	94.9 FL Tampa, ad, "95FM"	1246 WJR	96.3 MI Detroit
tr		1300 WIAA	88.3 MI Interlochen, ID
2200 KFIN	107.9 AR Jonesboro, in strong	1301 WCMC	90.1 NY Greece
2330 WMBW	88.9 TN Chattanooga, ID	1303 WBBK	92.5 WI West Bend, ID
2332 WKNO	91.1 TN Memphis	1305 WKTI	94.5 WI Milwaukee, "KTI"
(others in good from Memphis		1311 WITL	100.7 MI Lansing, ad
0024 WKTA	106.9 TN McKensie, ID, k	1314 WKQC	98.1 MI Saginaw
0039 WAHR	99.1 AL Huntsville, ad	1330 KRCL	90.9 UT Salt Lake City
0055 WWID	106.7 GA Gainesville, ads	1332 KALL	94.1 UT Salt Lake City, wx
0057 WOKI	100.7 TN Oakridge	1334 KSOP	104.3 UT SLC
0102 WZYP	104.3 AL Athens	1335 KZAN	97.9 UT SLC
0105 WSIU	91.9 IL Carbondale	1340 KNAQ	92.1 ID Rupert
0112 WFOX	97.1 GA Gainesville, "97FOX"	1342 KBUH	107.1 UT Brigham City
0140 KADI	96.3 MO St. Louis	1400 KUSU	91.5 UT Logan, ID
0200 WBGY	93.3 AL Tullahoma, ID	1405 KMTW	96.5 ID Twin Falls, ID, wx
0202 KJMO	100.1 MO Jefferson City	1541 CITY	92.1 MB Winnipeg, "92-CITY-FM" 960
0232 WAKW	93.3 OH Cincinnati, g, ID	1555 KBZT	94.9 CA San Diego, "K-Best-95" 1220
0251 WOOE	106.7 OH Canton	1558 CHMM	97.5 MB Winnipeg
0300 WYSU	91.3 OH Yellow Springs, ID	1616 CKWG	103.1 MB Winnipeg
0328 WULH	102.3 VA Pound, ID, g, 190w	1625 WAMX	93.7 KY Ashland 805
0330 WDJX	103.9 OH Xenia?? (Does anybody know if WDJX goes by "Jazz 104"?)	1630 WMRT	88.3 OH Marietta
		2125 CKOI	106.9 ON Ottawa 1300

6/19 tr	
2345 KGOL	107.3 TX Lake Jackson, ID 480
(several from Houston)	
2354 KVIC	95.1 TX Victoria, ID 510
0000 KIKT	93.5 TX Greenville, s/off 220
0014 KMCV	106.9 TX Conroe, ID, g

6/24 Es	
2200 KOOL	94.5 AZ Phoenix
2315 KDRK	93.7 WA Spokane, k, ID 1310
2319 KCLK	94.1 WA Clarkston, ID
2335 KLOK	94.5 WA Richland, "OK-95" 1340
2340 KFLU	88.5 WA Tacoma, ID 1510
(My new Es record for distance)	
(Exciting for a weak opening)	

## SOUTHERN FM DX

Buntin, cont.

AUGUST 1981

7/4 Es	
0927 WKUE	92.7 FL Green Cove Springs
0929 WWLV	94.5 FL Daytona Beach
1000 WAJX	98.3 FL Titusville
1002 WEZY	99.3 FL Cocoa
1006 WLWV	94.9 FL Tallahassee
1007 WDI2	100.3 FL Orlando, "DI2"
1033 WHBS	106.3 FL Holiday
1038 WCKX	95.7 FL Clearwater
1114 WSOB	95.3 FL Ft. Myers, ID, wx

7/5 Es	
1836 WPRO	92.3 RI Providence, "Pro-FM" 1450
1819 WXRI	105.3 VA Norfolk, ID 1110
1859 WPOC	93.1 MD Baltimore 1125
1905 WTKT	105.7 MD Catonsville, "KTK"
1907 WYNY	97.1 NY New York, ID 1300
1926 WKHI	99.9 MD Ocean City 1220
1930 WEEZ	106.7 VA Manassas-Fairfax, ID
1934 WASH	97.1 DC Washington, "Wash FM"
1937 WLPL	92.3 MD Baltimore 1125
1946 WRMF	97.9 FL Palm Beach, ID
1949 WCKS	101.1 FL Cocoa Beach, "CK-101"
1955 WIZD	98.7 FL Fort Pierce, "991ZD"
2008 WRIT	92.7 FL Stuart
2009 WMNF	88.5 FL Tampa, ID 1040

This must be a great season in these parts after having managed to break personal distance records for tr,Es, which were first set during last year's super DX. Having tr and Es from the same state(GA)simultaneously almost happened June 17, two hours apart for a close coincidence. I wonder how Es and tr sounds like at once from the same station? Like multi-path? It wasn't too surprising to catch the KCEP Las Vegas 10 watter after considering how strong and steady that city's powerhouses were coming in. At times KCEP came in strong enough to determine if in stereo. It's not. Hearing the KLME 10 watter was the bigger surprise since the opening did not seem very intense at the time and was fading in and out of the band pretty bad. I wrote to both of those pipsqueaks asking them to confirm their power. Catching that 190 watter by tr from Pound, Virginia, June 18, does seem too far fetched at first glance, but the station's 1150' tower makes it equivalent to a full class A. Interesting that it would be my first tr from VA. On July 4-9th, never had so much Es from FL so persistently. The skip cloud between here and south FL stayed put all day on the 9th-quite rare. It got where I didn't care to write the stations down if already logged. Now have a 100 from FL for my second best state. I wonder if the FL DXers got in good on the other end of the flood. Lately, everything has settled down to a lull. Hope it's just the calm before another storm of DX. Until next month, 73.

Vernon Eaton, 82 Springhill Acres, Benton, AR 72015 (501)847-2066

Equipment: Sony 5110 tuner w/quad Finco FM5 antennas above rotor @60'. 690 logged.

I have laid out all spring because of an unseasonable dry spring. Decent trop has practically been non-existent. The rains started coming in late May which opened up DX somewhat with good trop 5/23, 6/9 and 6/10, with long haul trop over west Texas into New Mexico. A 640 mile catch into New Mexico and El Paso across Texas is unusual. Es was happening around 6/9 and 6/16, but I never could really catch it. 6/21, I got some good Es N and NE, especially NE and one rare one, which was confirmed by telephone to the station, namely Sault St. Marie broadcasting thru CBON Sudbury, ON on 88.1 in French. Program was recorded and confirmed by the station manager. 73.

5/22 Es (most all in stereo)

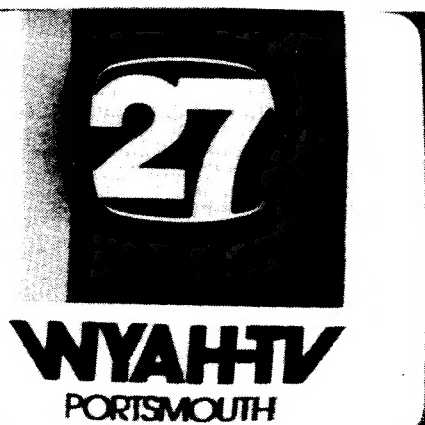
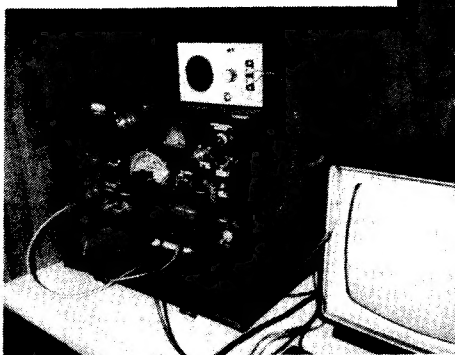
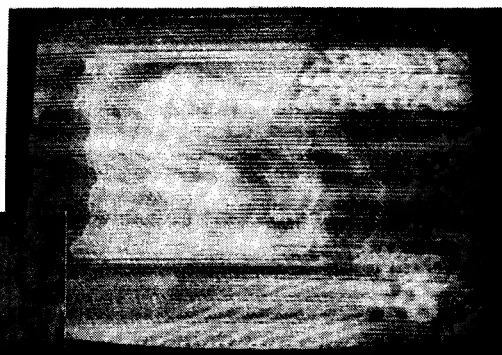
1710 KAMA	93.1 TX El Paso	875
tr		
1846 WKYU	88.9 KY Bowling Green, ID	400
5/23 tr		
0200 KUHF	88.7 TX Houston, ID	380
0200 WWOZ	90.7 LA New Orleans, ID j	400
0200 WMDT	89.5 TN Murfreesboro, ID r	350
0230 KPFT	90.1 TX Houston, ID m	380
0231 KVLA	91.3 TX Beaumont L	380
0232 KTRU	91.7 TX Houston R	380
0235 KAUM	96.5 TX Houston	380
(four others from Houston logged)		
0243 WNNO	89.9 LA New Orleans	350
0250 WEZB	91.7 LA New Orleans	
0255 WRNV	99.5 LA New Orleans	

5/23 tr	
0850 WUWF	88.1 FL Milton, ID c 570
6/9 tr	
0820 KGNZ	88.1 TX Abilene, ID g 475
0824 KXTX	88.1 TX Lubbock, ID r 575
0830 KSUC	88.3 TX Keene, ID m 280
0855 WMBW	88.9 TN Chattanooga, g 405
Es	
0858 XHM	88.9 DF Mexico City 1050
tr	
0925 KSEL	93.7 TX Lubbock, r 575
0926 KLBK	94.5 TX Lubbock, ID, r
0927 KILL	96.3 TX Lubbock, ID
0930 KTCU	88.7 TX Fort Worth, ID 285
0935 KBAT	93.3 TX Midland, ID 625
cont....	



5/9 tr		6/21 Es	
0938 KFIM	92.3 TX El Paso \$	1311 XEBS	89.7 DF Mexico City, SS 1050
0940 KPAS	93.9 TX El Paso, Spanish, \$	1312 XHNP	89.3 PUE Puebla, SS 1050
0942 KIAQ	95.5 TX El Paso	1330 WUNC	91.5 NC Chapel Hill, ID 780
1000 KVRP	95.5 TX Haskell, ID 475	1350 WNHU	88.7 CT West Haven, ID 1200
1045 KCCC	88.9 OK Oklahoma City, ID, j 350	1355 WESU	88.1 CT Middletown 1225
1100 KKNQ	92.5 OK Oklahoma City, ID	1400 WJMJ	88.9 CT Hartford, ID 1160
1105 KWLS	93.1 KS Pratt, ID 350	1430 WKYS	93.9 DC Washington, ID 910
6/10 tr		1432 WAMU	88.5 DC "
0200 KENW	89.5 NM Portales, ID 640	1433 WPFW	89.3 DC , spanish pro.
0208 KCLI	95.3 OK Clinton, ID 360	1435 WGTB	90.1 DC
0212 KYTX	98.7 TX Amarillo 600	1438 WETA	90.9 DC
0213 KWAS	101.9 TX Amarillo 600	1440 WASH	97.1 DC
0215 KIZB	96.3 TX El Paso \$ 875	1442 WDDC	101.1 DC
0217 KINT	97.5 TX El Paso \$	1443 WGMS	103.5 DC
0218 KTSM	99.9 TX El Paso, r \$	1448 WNCT	107.7 NC Greenville 925
6/14 tr		1515 CBON	88.1 ON Sudbury, verified 950
0300 KTBC	92.1 TX Nacogdoches, r 240	1600 WIAA	88.3 MI Interlochen, ID 880
6/21 Es		1601 CJRT	91.1 ON Toronto, ID
1235 WVEL	88.3 MD Elkton, ID 960	6/23 tr	
		1800 KZIG	89.9 AR Cave City 105

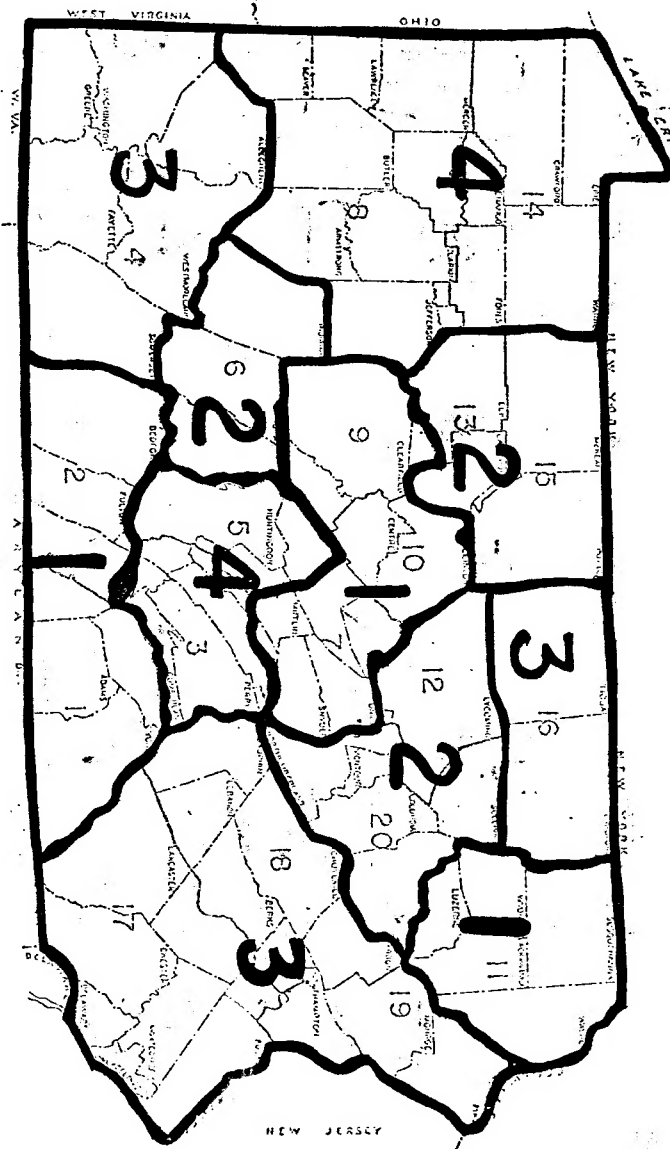
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**PICTURE NEEDED!** Get a picture of your antenna set-up, DX gear, or DX map. We'd like to show everyone. Your black-and-white snapshots are welcome. Send them to PHOTO NEWS editor Jim Alexander, 4 Brook Court, Parsippany, N.J., 07054. Please enclose a self-addressed stamped envelope if you want them returned.



# IN SEARCH OF PSB

Donald L. Blevins  
 1715 Earhart Road  
 Baltimore, MD 21221  
 phone 301-574-2714

IN SEARCH OF PSB... This month's feature focuses in on the Pennsylvania Forestry Service. Let's hope by the time this comes out, I would have seen many of you in Oklahoma City.




Channel 1 151.175/159.255  
 Channel 2 151.295/159.35  
 Channel 3 151.385/159.42  
 Channel 4 151.40/159.345

# QSL CORNER

Thomas J. Yingling, jr.  
221 Pinewood Road  
Baltimore, MD 21222

KTWO-TV, channel 2,  
Casper, WY  
4200 E. 2nd St., 82601  
Card from Steve Broomell,  
CE, in about 3 months.  
Durkin

<b>K2</b>	
<b>KTWO Radio and Television</b>	
4200 East Second Street Casper, Wyoming Wyoming's Pioneer Broadcaster	
<b>RADIO</b> 1030 kHz 50,000 Watts DA-N NBC  <b>TELEVISION</b> Channel 2 100,000 Watts Visual ERP NBC, CBS, ABC	This will verify your reception of KTWO (radio) (television) on <u>1-20-81</u> at <u>2142</u> MST (MST): Thank you for your report.   CHIEF ENGINEER

- MN KTTC 10 Rochester, 601 1st Ave. S.W. 55901. Letter, signed by Charles Sanders, CE in 2 weeks. Ross  
 MS WMAO 23 Greenwood, % P. O. Box 1101, Jackson, MS 39205. Send my prepared letter form, bumper sticker, post cards, & coverage map from David J. Wilson, Director of Engineering. Eddie  
 WMAV 18 Oxford & WMAV 14 Meridian same as above....  
 WAPT 16 Jackson, P. O. Box 10297, 39209. Letter from Danny Bardin, CE in 33 days. Langridge  
 OH WOIO 61 Cleveland, 6000 W. Creek Rd., 44131. Letter in 2 weeks from Pat Brady, GM. Send program schedule; says I'm the first one to report reception! Kelley  
 PA WJET 24 Erie, 8455 Peach St., 16509. Letter from Rob Lindey, CE. Send letter & coverage-map in 7 days. Langridge  
 WLYH 15 Lancaster, 1126 City Park Center, 17601. Letter, coverage-map, & antenna fact sheet from Glib White, CE in 3 weeks. Schweitzer  
 WCCB 49 Red Lion, Box 88, 17356. Reply in 2 weeks with a letter from David D. Shoft, VP & GM. Also send tv guide of program & bumper sticker. Schweitzer  
 TX KFDX 3 Wichita Falls, Box 4000, 4500 Seymour Hwy, 76308. Huge card, w/date, C/M in 25 days. Card protected by cardboard! Chernos  
 VA WYAH 27 Portsmouth, 1318 Spratley St. 23705. Brief letter in 1 week from Ken Reichenback, CE on very nice stationery. (!!!)ed.) Schweitzer  
 WV WTAP 15 Parkersburg, 123 W. 7th., 26101. Letter from Charles Helmick, CE in days with full data. Ross  
 WI WKOW 27 Madison, Box 100, 53701. Letter from David G.S. Wood, CE, who says their most distant DX was from Vienna, Austria (!!!) Reply in 6 days. Durkin  
 WY KYCU 5 Cheyenne, 2923 E. Lincolnway, 82001. Verification letter in 2 weeks for KYCU-TV-5 & KTWS-TV-3 Sterling, Colorado. Letter from Carl J. Occhipinti, GM. Hepburn

Reporters this all TV-QSL Month are: Patrick Durkin, Robert S. Ross, Richard Eddie, Rob Langridge, Greg Kelley, Robert E. Schweitzer, Saul Chernos, William R. Hepburn. I had a phone from Tim Zarazan, Traffic Director for WNUR-FM 89.3 in Evanston, IL & they are looking for dx reports from WFFDA members if possible. Send to him at 1905 Sheridan Rd, Evanston, IL 60201 in care of WNUR-FM Radio Station & he will verify. Wells that all for this month, 73's & good dxing....

## REVIEW: UHF DX WITH THE RADIO SHACK ARCHER 15-1134 PREAMP

-by Bill Thompson

Recently, I heard that Radio Shack, an electronics chain that most of us seem to prefer to avoid, was offering a mast-mounted antenna preamp that was very "hot" on the UHF TV channels. Keeping an open mind about Radio Shack's TV signal accessories is often difficult, in view of their past performance.

The Archer 15-1134 VHF/UHF preamp is a 300-ohm input unit, with selectable 75 or 300 ohm output to the power supply, and then to the receiver. Radio Shack claims that typical UHF gain is 16 dB. While that's not quite enough to satisfy most DXers, it is important to keep in mind the noise figure, which has to be significantly better than the DX receiver in order to improve DX performance.

In the case of this preamp, we were not able to obtain this spec from the local Radio Shack outlets (not unexpectedly), so instead, have to rely on the results of a recent Georgia Tech TV reception equipment test of such devices for the FCC. Their study (summarized in the July 1981 issue of Radio-Electronics) measured the average n.f. of this preamp to be 5.1 dB at the 75 ohm mode, and 5.2 dB at 300 ohms. The same study found the Winegard AC-4990 UHF-only amp to average 4.6 dB. The 15-1134's UHF noise figure turns out to be surprisingly low, considering the price and past performance of Archer's preamps. Its gain averages around 2.5 dB lower than the AC-4990 --so it is obviously not the same kind of super DX performer.

I tested this amp on a 5 foot Finco dish, and found the "noise floor" to be quite low--it was surprisingly hot. But, as you might expect with a VHF/UHF preamp, there are problems. This unit is very susceptible to local UHF overload--so much so, you may not be able to use it at all, if you have local UHF TV stations. Most of my observations were made while the local stations on chs 17 and 29 were off the air, in the early morning hours, under both DX and "normal" UHF band conditions. Doing some quick (and incomplete) comparisons with a Blonder-Tongue CMA-Ub revealed that the unit is quite hot with weak troposcatter signals, but offers very little to the DXer. In fact, even the CMA-Ub has much more overload rejection, despite the fact the CMA-Ub is an older unit and a 3-stage device, like the 15-1134.

Still, this preamp has a low enough noise figure to make it useful to DXers who have no UHF locals. Its VHF performance is not worth mentioning --very poor overload characteristics there, with a multitude of cross-modulation effects from local FM and TV stations.

Like most of Radio Shack's "Archer" label, this preamp seems to have been manufactured by another antenna maker--this one looks like if came from the Winegard/Antennacraft people. The heart of the amplifier is a TRW 201 transistor--not as famous as the Motorola MRF 901 device that gives the Winegard AC-4990 such outstanding performance.

In commenting about the performance of the 15-1134, the Georgia Tech study called it a good performer for the money (it currently retails at less than \$45). I'd have to agree, but must add that its only useful if you have no strong UHF locals to contend with. Otherwise, you'd be better off to save your money and go for the more expensive Winegard AC-4990 for UHF DXing. Also, no matter how hot a VHF/UHF preamp is reputed to be on the UHF channels, your better option is to use a UHF-only preamp for UHF TV DXing.

Finally, don't fall victim to prejudice when it comes to brand names. Some DXers still don't seem to realize that such national electronics chains sometimes sell good accessories next to bad ones. Some of the Archer TV signal accessories have turned out to be pure junk--but once in a while, you'll find some truly high performance items on their shelves. The problem is, you never know what you're actually buying, as so much of their accessory line is made by various different manufacturers.

# TECHNICAL TOPICS

Q: "What has happened to the Perseids meteor shower? It seems like it used to be the best meteor scatter period of the year for MS DXing, but you never seem to hear too much about it. Will it make a comeback this year?"

A: The Perseids meteor shower is the biggest one of the year, in terms of numbers of expected meteor bursts. As many DXers have noted, there is quite a bit of year-to-year variation for all the major showers. The Perseids have produced some spectacular MS DX sessions in past years, but not every year. Some recent years have appeared rather poor, but that doesn't mean you shouldn't check during this year's peak, which should come during the early morning hours. Make sure you're checking during the August 10th through 14th period in the 1 a.m. to 7 a.m. local time slot, and be ready for the shower to reach its peak on the morning of the 12th. One thing that tends to interfere with Perseids peak activity is the fact that tropo conditions tend to be up on the day of the peak in most areas of North America--after all, it is the tropo season, too. Good tropo conditions may hinder you, and you may not be able to really take full advantage of the meteor bursts with TV and FM channels crowded by stronger-than-normal signals from out to 300 miles or more.

Q: "I'd like to try for highband meteor scatter, on ch 7. I think my high-band ten element yagi and preamp will be enough to see a few bursts--I have seen them before with this set up. Is there any way I can use the bursts on lowband TV channels to predict bursts on highband?"

A: If it's a decent shower, you can use a lowband channel (preferably ch 2, if it is open in your area) as a sort of early warning system. Using two different TV sets, monitor ch 2 and ch 7 with antennas pointed in the same general direction. If and when a burst comes through that's capable of causing a ch 7 burst, it will appear first on the TV tuned to ch 2, it will likely appear stronger than average, and while it's reaching it's peak, you'll see the signal on ch 7, which will be brief, and will shortly be followed by the fade-out of the ch 2 burst. The strong burst on ch 2 will give you about two to five seconds warning that there's about to be a possible ch 7 burst. The reason for this is the fact that in general, the lower the frequency, the longer the burst will last.

Q: "I seem to be able to hear many bursts on my FM receiver using only rabbit ears for an antenna, but can see very few on TV ch 2. I know it's not just because there are more FM stations than TV stations. I can hear many bursts from the same station on a given FM frequency, and yet it is rare to see it on TV. Is an FM receiver that much hotter than a TV receiver, or is it just because a TV signal is wider in bandwidth?"

A: You can look at it this way. Your FM receiver's signal-to-noise ratio is much better than that of your TV. It's true that a TV signal has a much wider bandwidth, but that's only part of it. A TV signal is much more complex in nature than an FM broadcast signal. In order to have a video signal lock in, you must be receiving much more signal strength than you would need from a comparable FM signal to be recognized as a signal. Your FM receiver will always be a naturally better DX "machine."

## STATION BREAK

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